

**PROPOSED CODE CHANGES FOR  
2004 CODE CYCLE**

<b>TYPE OF REGULATION</b>	<b>Page Number in Express Terms</b>	<b>Page Number in Initial Statement of Reasons</b>
<b>Significant Changes</b>		
<b>Chapter 1 (Administration)</b> Unreasonable Hardship Process & Equivalent Facilitation Primary Consideration see 104.2.8.1.3	2 of 26	1
<b>Chapter 2 (Definitions and Abbreviations)</b> - Public Accommodation definition see 217-P - Stairway definition see 220-S (new definition for single step)	5 of 26 thru 6 of 26	2
<b>Chapters 11A &amp; 11B</b> Detectable Warning definitions see 1107A.4-D & 1102B	9 of 26	3
<b>Chapter 11B</b> <b>Religious Facilities see 1104B</b> - Assembly Areas see 1104B.6.3	10 of 26	4
<b>Bathing and Toilet Facilities see 1115B</b> - Water controls see 1115B.2.1.3.1 - Shower facilities see 1115B.2.1.3.3	12 of 26	4
<b>Elevators and Special Access (Wheelchair) Lifts see 1116B:</b> - Car Controls see 1116B.1.9 - Hall Call Buttons see 1116B.1.10 & 1116B.1.13 - Elevators and Special Access Wheelchair Lifts see 1116B.3 (new 1116B.3 When Provided as a Means of Egress)	14 of 26 thru 15 of 26	6
<b>Signs and identification see 1117B.5:</b> - Plan Review and Inspection 1117B.5.1 #4 - Finish and Contrast 1117B.5.2 - Raised Characters and Pictorial Symbol Signs 1117B.5.5 #4 - Braille 1117B.5.6 - Related Changes see 1127B.3 (Signs) & 1133B.1.1.1.1 Exception 2	16 of 26 17 of 26	6 & 7
<b>Curb Ramps see 1127B.5:</b> - Slope of Curb Ramps #3 - Beveled Lip #5 - Detectable Warnings #8 - Related Changes see Figures 11B-20A, 20B, 20C & 20D (Curb Cut Details), Figure 11B-21 (Returned Curb Style), Figure 11B-23A (Truncated Domes) and 1133B.8.3 (Detectable Warnings at Transit Boarding Platforms), -- [Figures which follow the Express Terms	19 of 26 & 20 of 26	8, 9, 10
<b>Accessible Parking Required</b> - Less Than Five Spaces see 1129B.2 & Figures 11B-18A,B,C	21 of 26	10
<b>Closer-effort to Operate Doors</b> [Revisions Currently Pending]	22 of 26	10
<b>Ramps see 1133B</b>	22 of 26	11

- Entrance and Special Occupancy 1133B.5.2.2		
<b>Non-substantive Clarification/Clean up/Editorial</b>		
<b>Part 1 –</b> <b>Chapter 5 (Access to Public Buildings by Persons with Disabilities)</b> <ul style="list-style-type: none"> <li>- Change Title</li> <li>- Address Corrections</li> <li>- Acronym Correction see 5-202</li> </ul>	1 of 26	1
<b>Part 2</b> <b>Chapter 1 (Administration)</b> <ul style="list-style-type: none"> <li>- Added DSA/AC adoption indicator to existing regulations</li> </ul>	2 of 26	1
<b>Chapter 2 (Definitions and Abbreviations)</b> <ul style="list-style-type: none"> <li>- Amending 11A cross-references to be consistent with HCD new numbering format of Chapter 11A</li> <li>- Independent Entity definition (add adoption indicator)</li> <li>- Public Accommodation #1 definition (amended to be consistent with Federal Standard 36.104)</li> <li>- Story definition (add adoption indicator &amp; cross-reference)</li> </ul>	3 of 26 thru 6 of 26	2
<b>Chapter 10 (Means of Egress)</b> <ul style="list-style-type: none"> <li>- Amending 11A Cross-references to be consistent with HCD new numbering format of Chapter 11A</li> <li>- Added DSA/AC adoption indicator to existing regulations and deleted unnecessary note (see 1003.3.1.8 - Type of Lock or Latch &amp; 1005 – The Exit)</li> <li>- Added clarifying note &amp; deleted unnecessary note (see 1003.4.4 – Landings)</li> <li>- Corrected 11B cross-references</li> </ul>	7 of 26 thru 8 of 26	2 thru 3
<b>Chapter 11A (Housing Accessibility)</b> <ul style="list-style-type: none"> <li>- Adopts Chapter 11 A as proposed by HCD</li> </ul>	9 of 26	3
<b>Chapter 11B (Accessibility to Public Buildings, Public Accommodations, commercial buildings, and Publicly Funded Housing)</b> <ul style="list-style-type: none"> <li>- Added cross-reference to definitions (see 1102B)</li> <li>- Corrected spelling error (see 1103B.1, 1115B.2.5.3, 1117B.5.11.2#6, 1133B.5.7.3 Exception)</li> <li>- Corrected 11B cross-references</li> <li>- Amended 11A cross-references to be consistent with HCD new numbering format of Chapter 11A</li> <li>- Amended Title of Section (see 1114B.1.1 for Special (wheelchair) Lift, &amp; 1116B, 1116B.1.10 for Car Position Indicator and Signal, 1117B.5.1 International Symbol of Accessibility, 1133B.4.3 for Tactile Stair Level Identification Sign)</li> <li>- Corrected grammar or syntax (see 1115B.2.1.6.1, 1115B.6.2.4.4)</li> <li>- Corrected reference to Office of Regulation Services (see Table 1115B-1)</li> </ul>	9 of 26 thru 23 of 26	3 thru 12

<ul style="list-style-type: none"> <li>- Corrected 'minimum' to 'maximum' to be consistent with definition of level area (see 1115B.6.2.4.4) &amp; deleted duplicated wording</li> <li>- Deleted an exception (see 1116B.1.4 Exception)</li> <li>- Relocated Hall Button 1116B.1.13 to 1116B.1.10 for consistency and deleted all but the 3<sup>rd</sup> line.</li> <li>- Corrected spelling wall to walks &amp; added a comma after halls see 1117B.1.2 (Alcoves)</li> <li>- Adopting a new note see 1117B.5.1 Note 2</li> <li>- Corrected parking space size dimension to be consistent with 1129B.4 Parking Space Size &amp; Van Spaces see 1129B.2</li> <li>- Corrected millimeter designations &amp; gradient %</li> </ul>		
<b>Figures</b> <ul style="list-style-type: none"> <li>- <b>Amended</b> for clarity and/or to be consistent with regulations</li> <li>- Figures are shown following the Express Terms</li> </ul>	After Page 27 of 26	12 thru 13
<b>Chapter 11C (Standards for Card Readers at Gasoline Fuel Dispensing Facilities)</b> <ul style="list-style-type: none"> <li>- Amended 11A cross-references to be consistent with HCD new numbering format of Chapter 11A</li> </ul>	25 of 26	13
<b>Chapter 30 (Elevators, Dumbwaiters, Escalators and Moving Walks)</b> <ul style="list-style-type: none"> <li>- Amended 11A cross-references to be consistent with HCD new numbering format of Chapter 11A</li> </ul>	25 of 26 thru 26 of 26	13
<b>Part 3 – Article 406 (Receptacles, Cord Connectors, and Attachment Plugs (Caps))</b> <ul style="list-style-type: none"> <li>- Amended to correct a publishing error see 406.3(G) for Installation Heights</li> </ul>	26 of 26	13
<b>Part 5 – Chapter 2 (Definitions)</b> <ul style="list-style-type: none"> <li>- Correct spelling of definition of Accessibility</li> </ul>	5	1 of 1
<b>Chapter 3 (General Regulations)</b> <ul style="list-style-type: none"> <li>- Repeal adoption of model code chapter</li> </ul>	5	1 of 1
<b>Table 4-1 through 4-4</b> <ul style="list-style-type: none"> <li>- Adopted clarifying Notes</li> <li>- Correcting a ANSI A117.1 reference</li> <li>- Correct Footnote No. 2</li> <li>- Correct Footnote No. 14</li> </ul>	6	1 of 1
<b>Chapter 16 (Plumbing Requirements for Accommodation of Persons with Disabilities)</b> <ul style="list-style-type: none"> <li>- Changing Persons with Physical Disabilities to Persons with Disabilities</li> </ul> Delete 1601.1 leaving only a cross-reference note to Part 2, Chapter 11A & B	14	2 of 2

**DRAFT EXPRESS TERMS**  
**OF**  
**PROPOSED BUILDING STANDARDS**  
**OF THE**  
**DIVISION OF THE STATE ARCHITECT – ACCESS COMPLIANCE**

**REGARDING THE CALIFORNIA**  
**ADMINISTRATIVE, BUILDING AND ELECTRICAL CODES**  
**CALIFORNIA CODE OF REGULATIONS, TITLE 24, PARTS 1, 2, AND 3**

(The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific. (PART 1 – ADMINISTRATIVE CODE)

**LEGEND FOR EXPRESS TERMS**

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

**EXPRESS TERMS**

**PART 1 - CHAPTER 5. ACCESS TO PUBLIC BUILDINGS BY ~~PHYSICALLY HANDICAPPED PERSONS~~**  
**PERSONS WITH DISABILITIES**

**Article 1. Compliance Procedures**

**5-103. Application.** For each project to be reviewed and certified, a ...

DIVISION OF THE STATE ARCHITECT  
HEADQUARTERS OFFICE  
ACCESS COMPLIANCE PROGRAM  
1102 Q Street, Suite 5100  
~~1130 K Street, Suite 101~~  
Sacramento, California 95814

DIVISION OF THE STATE ARCHITECT  
SACRAMENTO OFFICE—II  
~~1225 R Street~~  
1102 Q Street, Suite 5200  
Sacramento, CA 95814

DIVISION OF THE STATE ARCHITECT  
LOS ANGELES BASIN OFFICE -- III  
311 South Spring St., Suite 1301, Los Angeles, CA 90013.  
~~107 South Broadway, Room 3029, Los Angeles, California 90012.~~

**Article 2. ~~Division of the State Architect—Access Compliance~~**  
**Processing Product Approvals January 1, 2002**

**5-202. ~~IEAA~~ IEEA Application Procedure.**

Authority: (Government Code Sections 4450 and 4453.)

Reference: Government Code Sections 4451 (as interpreted by the CA Superior Court, City and County of San Francisco, in CA Association of the Physically Handicapped vs. Trustees of the California State University and Colleges, No. 692231, judgment entered 9-16-80) and 4454.

## PART 2

### Chapter 1 ADMINISTRATION

#### SECTION 101 – TITLE, PURPOSE AND SCOPE

**101.1 Title.** These regulations shall be known as the *Uniform Building Code*, may be cited as such and will be referred to herein as “this code.”

[For DSA/AC] For the State of California, these regulations ...

#### 101.3 Scope

**101.3.1** [For DSA/AC] The provisions of the model codes ...

**Note:** It is not the intent of this section ... existing occupancies. This note is not adopted by DSA/AC.

**Exception:** [For DSA/AC] Outdoor environments ...

**101.4** [For DSA/AC] **Effective Date.**

**101.4.1** [For DSA/AC] One hundred and eighty days after the date of publication, ...

**Note:** [For DSA/AC] For clarification purposes, the applicable sections of the health and Safety Codes are repeated here for clarity and read as follows:

**Section 18938. Application and Effective Date.** ...

**101.5** [For DSA/AC] **Format.** This part fundamentally adopts ...

**101.6** [For DSA/AC] **Validity.** If any chapter section, subsection, ...

**101.7** [For DSA/AC] **Standard Reference Documents.** The codes, standards and publications ...

**101.8** [For DSA/AC] **Nonbuilding Regulations.** Requirements contained in the UBC, ...

**101.9** [For DSA/AC] **Order of Precedence.**

**101.9.1** [For DSA/AC] **General.** In the event of any ...

**101.9.2** [For DSA/AC] **Fire Codes.** Nothing in these ...

**101.16** [For DSA/AC] **Availability of Code.** For clarification purposes, ...

**Section 18942.(d )(1)** Each city, county, and ...

**(2)** This subdivision shall not ...

**101.17** [For DSA/AC] **Application.**

**Vesting Authority.** When adopted by ...

**101.17.11** [For DSA/AC]—**Access Compliance, Division of the State Architect**

#### SECTION 104 – ORGANIZATION AND ENFORCEMENT

**104.2 Powers and Duties of Building Official.**

**104.2.8 Alternate for materials, design, tests and method of construction.**

**104.2.8.1 Alternate for materials, designs, tests and methods of construction.**

**104.2.8.1.3** [For DSA/AC] For alternate materials, design, tests, and methods of construction see Chapters 11A, 11B and 11C. Use the unreasonable hardship process where alternate means of complying with the literal accessibility requirements of these standards and specifications are used. Access shall be provided in terms of the purpose of these standards and specifications and be in accordance with Chapter 11A 11B, and 11C provided the equivalent facilitation is thereby secured.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## CHAPTER 2 DEFINITIONS AND ABBREVIATIONS

### SECTION 201 – DEFINITIONS

#### SECTION 202 – A

**ACCESSIBLE.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.1-A.

*[For DSA/AC]* See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A and Chapter 11B, Section 1102B.

**ACCESSIBILITY.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.1-A.

*[For DSA/AC]* See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A and Chapter 11B, Section 1102B.

**ACCESSIBLE ROUTE OF TRAVEL.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.1-A. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A and Chapter 11B, Section 1102B.

*[For DSA/AC & HCD 1/AC]* **ADAPTABLE DWELLING UNIT.** See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A.

*[For DSA/AC & HCD 1/AC]* **ASSISTIVE DEVICE.** See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A.

**AUTOMATIC DOOR.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.1-A. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.1-A~~ 1107A.1-A and Chapter 11B, Section 1102B

#### SECTION 203 – B

*[For DSA/AC, HCD 1/AC]* **BATHROOM.** See Chapter 11A, Section ~~4402A.2-B~~ 1107.2-B.

*[For HCD 1/AC, DSA/AC]* **BUILDING ENTRANCE ON AN ACCESSIBLE ROUTE.** See Chapter 11A, Section ~~4402A.2-B~~ 1107A.2-B.

#### SECTION 204 – C

**COMMON USE AREAS.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.3-C. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.3-C~~ 1107A.3-C and Chapter 11B, Section 1102B.

*[For DSA/AC & HCD 1/AC]* **COVERED MULTIFAMILY DWELLINGS.** See Chapter 11A, Section ~~4402A.3-C~~ 1107A.3-C.

*[For DSA/AC & HCD 1/AC]* **CROSS SLOPE.** See Chapter 11A, Section ~~4402A.3-C~~ 1107A.3-C and Chapter 11B, Section 1102B.

*[For HCD 1/AC, DSA/AC]* **CURB CUT.** See Chapter 11A, Section ~~4402A.3-C~~ 1107A.3-C and Chapter 11B, Section 1102B.

**CURB RAMP.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.3-C. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.3-C~~ 1107A.3-C and Chapter 11B, Section 1102B.

#### SECTION 205 – D

**DETECTABLE WARNING.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.4-D. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.4-D~~ 1107A.4-D and Chapter 11B, Section 1102B.

**DWELLING UNIT** is any building or portion thereof that contains living facilities, including provisions for sleeping, eating, cooking and sanitation, as required by this code, for not more than one family, or a congregate residence for 10 or less persons. *[For HCD 1/AC]* See Chapter 11A, Section 1102A.4-D. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.4-D~~ 1107A.4-D and Chapter 11B, Section 1102B.

#### SECTION 206 – E

**EQUIVALENT FACILITATION.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.5-E. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.5-E~~ 1107A.5-E and Chapter 11B, Section 1102B.

## SECTION 207 – F

**FACILITY (or FACILITIES).** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.6-F. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.6-F~~ 1107.6-F and Chapter 11B, Section 1102B.

## SECTION 208 – G

**GRAB BAR** is a bar for the purpose of being grasped by the hand for support. *[For HCD 1 & HCD 2]* See Chapter 11A, Section 1102A.7-G. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.7-G~~ 1107A.7-G and Chapter 11B, Section 1102B.

*[For DSA/AC, HCD 1/AC]* **GROUND FLOOR.** See Chapter 11A, Section ~~1102A.7-G~~ 1107A.7-G.

## SECTION 209 – H

**HANDRAIL** is a railing provided for grasping with the hand for support. See also “guardrail”. *[For HCD 1/AC]* See Chapter 11A, Section 1102A.8-H. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.8-H~~ 1107.8-H and Chapter 11B, Section 1102B.

## SECTION 210 -- I

*[For DSA/AC]* **Independent Entity** is a not-for-profit...

**INTERNATIONAL SYMBOL OF ACCESSIBILITY.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.9-I. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.9-I~~ 1107A.9-I and Chapter 11B, Section 1102B.

## SECTION 212 – K

**KICK PLATE.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.11-K. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.11-K~~ 1107A.11-K and Chapter 11B, Section 1102B.

## SECTION 213 – L

**LEVEL AREA.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.12-L. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.12-L~~ 1107A.12-L and Chapter 11B, Section 1102B.

**LIFT, SPECIAL ACCESS.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.12-L. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.12-L~~ 1107A.12-L and Chapter 11B, Section 1102B.

## SECTION 214 – M

**MARKED CROSSING.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.13-M. *[For DSA/AC]* See Chapter 11A, Section 1102A.13-M 1107A.13-M and Chapter 11B, Section 1102B.

*[For HCD 1/AC, DSA/AC]* **MULTISTORY DWELLING UNIT.** See Chapter 11A, Section ~~1102A.13-M~~ 1107A.13-M

## SECTION 215 – N

*[For HCD 1/AC]* **NEWLY CONSTRUCTED.** See Chapter 11A, Section 1102A.14-N *[For DSA/AC]* See Chapter 11A, Section ~~1102A.14-N~~ 1107A.14-N and Chapter 11B, Section 1102B.

**NOSE, NOSING.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.14-N. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.14-N~~ 1107A.14-N and Chapter 11B, Section 1102B.

## SECTION 216 – O

**OPEN RISER.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.15-O. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.15-O~~ 1107A.15-O and Chapter 11B, Section 1102B.

## SECTION 217 – P

**PASSAGE DOOR.** *[For DSA/AC]* See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P and Chapter 11B, Section 1102B.

**PEDESTRIAN.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.16-P. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P and Chapter 11B, Section 1102B.

**PEDESTRIAN RAMP.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.16-P. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P and Chapter 11B, Section 1102B.

**PEDESTRIAN WAY.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.16-P. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P and Chapter 11B, Section 1102B.

*[For HCD 1/AC, DSA/AC]* **PERSON WITH DISABILITY.** See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P.

*[For HCD 1/AC, DSA/AC]* **PERSONS WITH PHYSICAL DISABILITIES.** See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P.

*[For HCD 1/AC, DSA/AC]* **POWDER ROOM.** See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P.

*[For HCD 1 & HCD 2, DSA/AC]* **PUBLIC ACCOMMODATION** includes, but is not limited to, any building or facility or other specific public use facilities not listed in Items 1 through 12 if they fall into one or more of the following categories: ...

**Public Accommodation** includes, but is not limited to, any building or facility or other specific public use facilities not listed in Items 1 through 12 if they fall into one or more of the following categories:

1. Places of public lodging.
2. Establishments serving food or drink open to public use.
3. Places of exhibition or entertainment open to public use.
4. Places of public gathering.
5. Sales or rental establishments open to public use.
6. Service establishments open to public use.
7. Stations used for public transportation.
8. Places of public display or collection.
9. Places of public recreation.
10. Places of public education.
11. Social service center establishments open to public use.
12. Places of exercise or recreation open to public use.
- 13.

Examples of public accommodations for purposes of this code shall include, but not be limited to, the following private entities:

1. An inn, hotel, motel or other place of public lodging, except for a lodging house located within a building that contains not more than five rooms for rent or hire and that is actually occupied by the proprietor of the establishment as the residence of the proprietor.
2. A restaurant, bar, or other establishment serving food or drink.
3. A motion picture house, theater, concert hall, stadium or other place of exhibition or entertainment.
4. An auditorium, convention center, lecture hall, or other place of public gathering.
5. A bakery, grocery store, clothing store, hardware store, shopping center, or other sales or retail establishment.
6. A laundromat, dry cleaner, bank, barber shop, beauty shop, travel service, shoe repair service, funeral parlor, gas station, office of an accountant or lawyer, pharmacy, insurance office, professional office of a health care provider, hospital or other service establishment.
7. A terminal, depot, or other station used for specified public transportation.
8. A museum, library, gallery, or other place of public display or collection.
9. A park, zoo, amusement park, or other place of recreation.
10. A nursery, elementary, secondary, undergraduate, or post-graduate private school, or other place of education.
11. A day-care center, senior citizen center, homeless shelter, food bank, adoption agency or other social service center establishment.
12. A gymnasium, health spa, bowling alley, golf course, or other place of exercise.
13. A church.
14. An office building.
15. A public curb or sidewalk.



**EXCEPTION:** See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P. *[For DSA/AC] This exception is not adopted by DSA/AC.*

**PUBLIC USE AREA.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.16-P. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.16-P~~ 1107A.16-P and Chapter 11B, Section 1102B.

## SECTION 219 – R

*[For DSA/AC]* **RAIL TRANSIT BOARDING PLATFORM** is a horizontal, generally level surface, whether raised above, recessed below, or level with a transit rail, from which persons embark/disembark a fixed rail vehicle.

*[For HCD 1/AC, DSA/AC]* **RAMP.** See Chapter 11A, Section ~~4402A.18-R~~ 1107A.18-R.

**RISER.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.18-R. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.18-R~~ 1107A.180R and Chapter 11B, Section 1102B.

## SECTION 220 – S

**SLEEPING ACCOMMODATIONS.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.19-S. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.19-S~~ 1107A.19-S and Chapter 11B, Section 1102B.

*[For HCD 1/AC, DSA/AC]* **SLOPE.** See Chapter 11A, Section ~~4402A.19-S~~ 1107A.19-S.

**STORY.** Is that portion of a building included ...

*[For DSA/AC]* See Health and Safety Code, Section 19955.3

19955.3 a) "Story" means that portion of a building included between the upper surface of any floor and the upper surface of the floor next above, except that the topmost story shall be that portion of a building included between the upper surface of the topmost floor and the ceiling or roof above. If the finished floor level directly above a basement or unused under-floor space is more than six feet above grade for more than 50 percent of the total perimeter or is more than 12 feet above grade at any point, the basement or unused under-floor space shall be considered as a story.

**STORY, FIRST,** is that portion of a building ...

*[For DSA/AC]* See Health and Safety Code, Section 19955.3(b).

19955.3 b) "First story" means the lowest story in a building which qualifies as a story and which provides the basic services or functions for which the building is used. A floor level in a building having only one floor level shall be classified as a first story, if the floor level is not more than four feet below grade, for more than 50 percent of the total perimeter, or more than eight feet below grade at any point.

**SPECIAL ACCESS LIFT.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.19-S. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.19-S~~ 1107A.19-S and Chapter 11B, Section 1102B.

*[For HCD 1/AC, DSA/AC]* **STAIR RAILING.** See Chapter 11A, Section ~~4402A.19-S~~ 1107A.19-S.

*[For HCD 1 & HCD 2, DSA/AC, SFM]* **STAIRWAY.** Two or more risers shall constitute a stairway.

*[For DSA/AC]* **STAIRWAY.** One or more risers shall constitute a stairway

## SECTION 221 – T

*[For HCD 1/AC, DSA/AC]* **TOEBOARD.** See Chapter 11A, Section ~~4402A.20-T~~ 1107A.20-T.

*[For HCD 1/AC, DSA/AC]* **TOWNHOUSE.** See Chapter 11A, Section ~~4402A.20-T~~ 1107A.20-T.

**TREAD.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.20-T. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.20-T~~ 1107A.20-T and Chapter 11B, Section 1102B.

**TREAD DEPTH.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.20-T. *[For DSA/AC]* See Chapter 11A, Section ~~4402A.20-T~~ 1107A.20-T and Chapter 11B, Section 1102B.

**TREAD RUN.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.20-T. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.20-T~~ 1107A.20-T and Chapter 11B, Section 1102B.

## SECTION 223 – V

*[For HCD 1/AC, DSA/AC]* **VEHICULAR OR PEDESTRIAN ARRIVAL POINTS.** See Chapter 11A, Section ~~1102.22-V~~ 1107A.22-V.

## SECTION 224 -- W

**WALK.** *[For HCD 1/AC]* See Chapter 11A, Section 1102A.23-W. *[For DSA/AC]* See Chapter 11A, Section ~~1102A.23-W~~ 1107A.23-W and Chapter 11B, Section 1102B.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## CHAPTER 10 MEANS OF EGRESS

### SECTION 1003 – GENERAL

#### 1003.2 System Design Requirements.

#### 1003.2.8 Means of Egress Identification.

**1003.2.8.6 [For DSA/AC] Tactile Exit Signage.** For the purposes of Section 1003.2.8.6, the term “tactile exit signs” shall mean those required signs that comply with Section 1117B.5.1 Item 1 ~~1117B.5.1-B~~.

#### 1003.3 Means of egress components.

##### 1003.3.1 Doors.

##### 1003.3.1.3 Width and height.

*[For DSA/AC] NOTE:* For accessibility requirements for width and height of doors in housing accessibility, see Chapter 11A, Sections ~~1120A.2.2~~ 1126A.1 and 1132A.2.1, and for public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1133B.2.2.

##### 1003.3.1.6 Floor Level at Doors

##### 1003.3.1.6.1 [For DSA/AC] Thresholds.

*NOTE:* For accessibility requirements for thresholds in accessible housing, see Chapter 11A, Section ~~1120A.2.4~~ 1126A.2, 1126A.2.1, 1132A.3 and 1132A.4, and for public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1133B.2.4.1.

##### 1003.3.1.8 Type of lock or latch. Regardless of the occupant ...

- EXCEPTIONS: 1. In Groups A ...  
2. Exit doors from ...  
3. *[for SFM]* Mental, penal or corrective ...

*[For SFM & DSA/AC]* Bars, grilles, grates, or similar devices ...  
Manually operated edge- or ...

- EXCEPTIONS: 1. Group R, Division ...  
2. Where a pair ...

*[For DSA/AC] NOTE:* ~~For accessibility requirements for type of lock or latch in public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, section 1133B.2.1.~~

##### 1003.3.1.10 Special egress-control devices. When approved by the ...

Shall conform to the following:

1. The egress-control device shall ...
2. The egress-control device shall ...
  - 2.1 The egress-control device itself.
  - 2.2 The smoke-detection device itself.
  - 2.3 Means of egress illumination ...
3. The egress-control device shall ...
4. An irreversible process that ...

5. Actuation of the panic ...
6. The unlatching shall not ...

A sign shall be provided on the door located above and within 12 inches (305 mm) of the panic bar or other door-latching hardware reading:

"KEEP PUSHING. THIS DOOR WILL OPEN IN  
\_\_\_\_\_ SECONDS. ALARM WILL SOUND"

Sign lettering shall be at least ...

Regardless of the means of deactivation, ...

**NOTE 1:** *[For SFM & DSA/AC] A tactile sign shall also be provided in Braille and raised Characters, which complies with Section 1117B.5.1 Item 1 ~~4117B.5.1-B~~.*

### **1003.3.3 Stairways**

#### **1003.3.3.6 Handrails.**

##### **1003.3.3.6.1 Handrails.**

**1003.3.3.6.1.1** *[For HCD 1 w/exceptions; HCD 2 w/exceptions 1, 2, 4 and 5; HCD 1/AC w/exception 6] Required handrails.*

*[For DSA/AC] NOTE: For Accessibility requirements for handrails in accessible housing, see Chapter 11A, Section 1120A.4.1 1123A.6.1, and for public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1133B.4.1.1.*

#### **1003.3.3.13 Stairway identification.**

**1003.3.3.13.1** *[For DSA/AC] Tactile stair level identification sign. Tactile stair level identification signs that comply with 1117B.5.1 Item 1 ~~4117B.5.1-B~~ shall be located at each floor level landing in all ... height of the raised characters.*

### **1003.3.4 Ramps.**

**1003.3.4.4 Landings.** Ramps having slopes steeper than 1 unit ...

**NOTE:** *[For DSA/AC] paragraph one is not adopted by DSA/AC.*

Doors in any position shall not reduce the minimum dimension of the landing of less than 42 inches (1067 mm) and shall not reduce the required width by more than 7 inches (178 mm) *[for HCD 1/AC, DSA/AC] 3 inches (76 mm)* when fully open.

Where ramp access is provided to comply with ...

**NOTE:** *[For DSA/AC] paragraph three is not adopted by DSA/AC.*

~~**[For DSA/AC] NOTE:** For accessibility requirements for landings in public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1133B.5.4.1.~~

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1005 – THE EXIT**

**1005.1** *[For DSA/AC] General.* The exit is that portion of the means of egress system between the exit access and the exit discharge or the public way. Components that may be selectively included in the exit include exterior exit doors exit enclosures, exit passageways and horizontal exits, in addition to those common means of egress components described in Section 1003.3.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **CHAPTER 11A HOUSING ACCESSIBILITY**

DSA/AC adopts Chapter 11A as proposed by HCD. DSA suggests the following amendments to HCD proposed Chapter 11A.

### **1107A.4-D**

**DETECTABLE WARNING** is a standardized surface or feature built into or applied to walking surfaces or other elements to warn visually impaired persons of hazards in the circulation path of travel. Only approved DSA/AC detectable warning products and directional surfaces shall be installed as provided in the CCR, Title 24, Part 1 Article 2, 3, and 4. Refer to CCR, Title 24, Part 12, Chapter 12-11A and B for building and facilities access specifications for product approval for detectable warning products and directional surfaces.

**NOTE:** Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Service's, Division of the State Architect – Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **CHAPTER 11B [For DSA/AC] ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS, AND PUBLICLY FUNDED HOUSING**

### **SECTION 1102B – DEFINITIONS**

**LIFT, SPECIAL ACCESS.** See “Special Access Lift.”

**NEWLY CONSTRUCTED.** See Chapter 11A, Section 1107A.14-N.

**PUBLIC USE AREA.** See Chapter 11A, Section 1107A.16-P.

### **1102A.4-D and SECTION 1102B – DEFINITIONS**

**DETECTABLE WARNING** is a standardized surface or feature built into or applied to walking surfaces or other elements to warn visually impaired persons of hazards in the circulation path of travel. Only approved DSA/AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR). Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces.

**NOTE:** Detectable warning products . . .

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

### **SECTION 1103B – BUILDING ACCESSIBILITY**

**1103B.1 General.** Accessibility to buildings or ...

#### **EXCEPTIONS:**

1. This section shall ...

2. Floors or portions of floors not customarily occupied, including, but not limited to, nonoccupiable or employee spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways or freight (nonpassenger) elevators, and frequented only by service personnel for repair or maintenance purposes: such spaces as elevator pits and elevator penthouses, piping and equipment catwalks and machinery rooms. Stair ~~stripping~~ striping shall be required on stairs.

3. The following ...

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1104B – ACCESSIBILITY FOR GROUP A OCCUPANCIES**

### **1104B.4 Stadiums, Grandstands, Bleachers, Athletic Pavilion, Gymnasiums and Miscellaneous Sport-related Facilities.**

#### **1104B.4.3 Participation areas.** *Participation areas shall be ...:*

1. Tennis, racquetball ...
2. Gymnasium floor ...
3. Basketball, volleyball ...
4. Swimming pool deck ...
  - 4.1 Have a seat that meets all of the following:
    - 4.1.1 The seat ...
    - 4.1.2 The seat ...
    - 4.1.3 The seat ...
    - 4.1.4 The seat ...
    - 4.1.5 The seat must have an occupant restraint for use by the occupant of the seat, and the restraint must meet the standards for operable controls in compliance with Section 1117B.6 with ~~Items 1—4~~ 1117B.6-4.
  - 4.2 Be capable of ...
  - 4.3 Be stable and ...
  - 4.4 Be designed to ...
  - 4.5 Be positioned so that, ...
  - 4.6 Lower the operator ...
5. Athletic team rooms ...

#### **1104B.5 Dining, Banquet and Bar Facilities.**

##### **1. General.** *Dining, banquet, ...*

###### **EXCEPTIONS:**

1. In existing buildings, when ...
2. In existing ... See Section 101.17.11, Item 5 ~~Item 4~~.

##### **2. Entrance.** ...

##### **3. Functional activity.** ...

##### **4. Seating.** ...

##### **5. Food service aisles.** ...

##### **6. Tableware areas.** ...

##### **7. Restrooms.** ...

##### **8. Food preparation areas.** *Access to food preparation areas shall comply with the provisions for entrance doors and doorways in Section 1133B.2.2 ~~1004~~, and aisles in Sections 1133B.6 ~~1004.3.2.1~~ and ~~1004.3.2.2~~.*

#### **1104B.6 Religious Facilities.**

##### **1104B.6.3 Assembly areas.** *Assembly areas shall be made accessible to persons with disabilities. Enclosed and unenclosed platforms, stages, and similar areas in assembly areas shall conform to these requirements.*

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1105B – ACCESSIBILITY FOR GROUP B OCCUPANCIES**

*Group B Occupancies shall be accessible as provided in this chapter. See also the general requirements listed in Section 1114B.1.1.*

###### **EXCEPTIONS:**

1. In existing buildings, when the ... facilitation is provided.
2. In existing buildings, the provisions... hardship. See Section 101.17.11, Item 5 ~~Item 4~~
3. For floors and levels in new and existing buildings, see Section 1120B.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1106B – ACCESSIBILITY FOR GROUP E OCCUPANCIES**

**1106B.1 General.** Group E Occupancies shall be accessible as provided in this chapter. See also the general requirements listed in Section 1114B.1.1.

**EXCEPTIONS:**

1. In existing buildings, when the...
2. In existing buildings, where ... See Section 101.17.11, Item 5 ~~Item 4~~.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1107B – FACTORIES AND WAREHOUSES**

Factories and warehouses shall conform to the provisions of this section, Section 1103B.1 and Section 1103B.1, ~~Exception 3~~ ~~Exception 2~~, for multistory buildings.

**EXCEPTION:** In existing buildings,...

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1108B – ACCESSIBILITY FOR GROUP H OCCUPANCIES**

**1108B.1 General.** Group H Occupancies shall be accessible as provided in this chapter. See also the general requirements listed in Section 1114B.1.1.

**EXCEPTIONS:**

1. In existing Group H Occupancies... protection are provided.
2. In existing Group H Occupancies, ... unreasonable hardship.  
See Section 101.17.11, Item 5 ~~Item 4~~.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**1111B – ACCESSIBILITY FOR GROUP R OCCUPANCIES**

**1111B.4 Hotels, Motels, Inns, Dormitories, Resorts, Homeless Shelters, Halfway Houses, Transient Group Homes and Similar Places of Transient Lodging.**

**1111B.4.4 Kitchen facilities.** When accommodations are provided with kitchen units, accessible kitchens shall be provided to those accommodations required to be accessible in conformance with Table 11B-3, and shall meet the requirements of Section ~~4412A~~ 1133A.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1114B – FACILITY ACCESSIBILITY**

**1114B.1 Design and Construction.**

**1114B.1.1 General.** When accessibility is required by this chapter, it shall be designed and constructed to meet the minimum requirements of the following sections:

Chapter 11B. Accessibility; Division I, New Buildings; Division II, Site Accessibility; Division III, Accessibility for Entrances, Exits and Paths of Travel; and Division IV, Accessibility for Existing Buildings

**Entrances** – [for HCD 1/AC] Section 1120A.1; [for DSA/AC] Section ~~4433B~~ 1133B.11

**Doors** – [for HCD 1/AC] Section ~~4420A.2~~ 1114A.4.4, 1117A.2, 1122A.3.4, 1126A, 1132A; [for DSA/AC] Section 1133B.2

**Corridors** – [for HCD 1/AC] Section ~~4420A.3~~ 1120A; [for DSA/AC] Section 1133B.3

**Stairways** – [for HCD 1/AC] Section ~~4420A.4~~ 1115A.6, 1123A; [for DSA/AC] Section 1133B.4

**Ramps** – [for HCD 1/AC] Section ~~4420A.5~~ 1112A, 1114A, 1122A; [for DSA/AC] Section 1133B.5

**Aisles** – [for DSA/AC] Section 1133B.6

**Walks and Sidewalks** – [for HCD 1/AC] Section ~~4420A.7~~ 1113A; [for DSA/AC] Section 1133B.7

**Hazards** – [for HCD 1/AC] Section ~~4420A.7~~ 1116A, 1125A; [for DSA/AC] Section 1133B.8

**Elevators** – [for HCD 1/AC] Section 3003; [for DSA/AC] Section 1116B.

**Special Access (Wheelchair) Lifts** – [for HCD 1/AC] Section ~~1110A.2~~ 1124A; [for DSA/AC] Section 1116B.2  
**Alarms** – Chapter 35.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1115B – BATHING AND TOILET FACILITIES**

**1115B.2 Toilet Facilities.**

**1115B.2.1 Accessible water closets.**

1. The height of accessible ...

**EXCEPTION:** A 3-inch (76 mm)...

2. Controls shall be ...

**NOTES:**

1. See the California Building Code, Chapter 11A, Section 1134A.7 for additional requirements for water closets in publicly funded housing and all nonresidential occupancies.

2. Automatic “spring to lifted position” seats are not allowed.

**1115B.2.1.1 Accessible urinals.**

**1115B.2.1.1.1** Urinals shall be floor mounted or wall hung. Where one or more wall hung urinals are ~~provide~~ provided, at least one with a rim projecting a minimum of 14 inches ...

**1115B.2.1.3 Accessible showers.**

**1115B.2.1.3.1** Water controls of a single-lever design shall be located on a sidewall adjacent to ~~opposite~~ the seat and operable with a maximum force of 5-lbf (22.2 N). The controls shall be located 40 inches (1016 mm) [plus or minus 1 inch (25 mm) tolerance] above the shower floor.

**1115B.2.1.3.3** Where shower facilities for persons with disabilities are provided in areas subject to excessive vandalism, in lieu of providing the fixed flexible hose and handheld showerhead required above two wall-mounted showerheads shall be installed. Each showerhead shall be controlled so that it can be operated independently of the other and shall have swivel angle adjustment, both vertically and horizontally. One showerhead shall be located at a height of 48-inches (1219 mm) ~~40-inches (1016 mm)~~ [plus or minus 1 inch (25 mm) tolerance] above the floor.

**1115B.2.1.3.4** Where, within the ... versus right-hand controls.

**NOTE:** ~~See the California Building Code, Chapter 11B, for showers in living accommodations.~~

**1115B.2.1.4 Accessible bathtubs.** Bathtubs shall be ... mounted on their rims.

**NOTE:** ~~See the California Building Code, Chapter 11B, for bathtubs in living accommodations.~~

**1115B.2.1.5 Accessible drinking fountains.**

**1115B.2.1.5.3** The bubbler shall be activated by ... The water ~~steam~~ stream from the bubbler shall be substantially parallel to the front edge of the drinking fountain.

**1115B.2.1.6 Accessible sinks.**

**1115B.2.1.6.1 Accessible kitchen sinks.** Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be not greater than 5 lbf (22.2 N). Lever-operated controls shall be no greater than 5 pound-force (lbf) (22.2 N). Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

**1115B.2.1.6.2 Noncommercial kitchen and counter bar sinks.** Kitchen and counter bar sinks located in common use areas shall have faucet controls and operating mechanisms operable with one hand in accordance with Chapter 11B of the California Building Code and shall not require grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2 N). Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs.

**NOTE:** ~~See the California Building Code, Chapter 11B.~~

Diagram 11B-1D ~~This diagram~~ illustrates the specific requirements of the regulations and is intended only as an aid for building, design and construction.

**1115B.5 Identification Symbols.** Doorways leading ... contrast of the door.

**NOTE:** See also Section 1117B.5.1 Item 1 ~~1117B.5.7~~ for additional signage requirements applicable to sanitary facilities.

**TABLE 1115B-1 – SUGGESTED DIMENSIONS  
FOR CHILDREN'S USE**

The Division of the State Architect, ~~Access Compliance Office of Regulation Services~~ recommends the following dimensions as adequately serving the needs of children in projects under our jurisdiction. These recommendations are based on the federal "Recommendations for Accessibility for Children in Elementary School" and other recognized publications on access for children:

A = Adult Dimensions (age 12 and over)

E = Elementary Dimensions

K = Kindergarten and Pre-school Dimensions

**1115B.6 Bathing Facilities.**

**1115B.6.2 Showers.**

**1115B.6.2.4 Accessories.**

**1115B.6.2.4.4 Floor slope.** The maximum slope of the floor shall be 2 percent ~~per foot~~ in any direction. Where drains are provided, grate openings shall be a ~~minimum~~ maximum of ¼ inch (6.4 mm) and located flush with the floor surface.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1116B – ELEVATORS AND SPECIAL ACCESS (WHEELCHAIR) LIFTS**

**1116B.1 Elevators.**

**1116B.1.4 Door size.** Minimum clear width for elevator doors shall be 36 inches (914 mm).

~~**EXCEPTION:** When approved by the building official, the minimum door width may be reduced to 32 inches (813 mm) for a car with dimensions as permitted by the exception to Section 1116B.1.6.~~

**1116B.1.8 Car inside. ...**

For multiple controls only, one ... If the telephone system is located in a closed compartment, the compartment door hardware shall be lever type conforming to the provisions of Section 1003.3.1.8 ~~4004.3~~, type of lock or latch. Emergency intercommunication shall not require voice communication.

**NOTE:** Where possible, a 48-inch (1219 mm) maximum height for elevator floor buttons is preferred

**1116B.1.9 Car controls.** Identification for the visually impaired shall be as follows:

Passenger elevator car controls shall have a minimum dimension of 3/4-inch (19.1 mm) and shall be raised 1/8 inch (3.2 mm) plus or minus 1/32 inch (0.8 mm) above the surrounding surface.

Control buttons shall be illuminated shall have square shoulders and shall be activated by a mechanical motion that is detectable.

All control buttons shall be designated by a 5/8-inch-minimum (15.9 mm), characters which conform to Section 1117B.5.6, or standard raised symbol immediately to the left of the control button. Grade 2 Braille, which conforms to Section 1117B.5.2 shall be located immediately below the character or symbol. A minimum clear space of 3/8 inch (9.5 mm) or other suitable means of separation shall be provided between rows of control buttons.

**NOTE:** See Figure 11B-40B.

The raised characters and symbols shall be white on a black background.

Controls and emergency equipment identified by raised symbols shall include, but not be limited to, door open, door close, alarm bell, emergency stop and telephone. The call button for the main entry floor shall be designated by a raised star at the left of the floor designation.



**1116B.1.10 Hall Call Buttons.** ~~Car position indicator and signal.~~ The centerline of the hall call button shall be within 42 inches (1067 mm) of the floor. Buttons shall be a minimum of 3/4-inch (19.1mm) in size and shall be raised 1/8 inch (3.2 mm) [plus or minus 1/32 inch (0.8 mm)] above the surrounding surface. Visual indication shall be provided to show each call registered and extinguished when answered. Objects adjacent to, and below, hall call buttons shall not project more than 4 inches (102 mm) from the wall. ~~**1116B.1.13 Hall buttons.** The centerline of the hall call buttons shall be a nominal 42 inches (1067 mm) above the floor.~~

~~—Direction buttons, exclusive of border, shall be a minimum of 3/4 inch (19.1 mm) in size, raised, flush or recessed. Visual indication shall be provided to show each call registered and extinguished when the call is answered. Hall call buttons shall be internally illuminated with a white light over the entire surface of the button. Depth of flush or recessed button when operated shall not exceed 3/8 inch (9.5 mm).~~

**1116B.1.11 Handrails.** A handrail shall ...

**1116B.1.12 Minimum illumination.** The minimum ...

**1116B.1.13 (Hall Buttons)** Was relocated to be included with 1116B.1.10 and amended.

~~**1116B.1.14 1116B.1.13 Hall lantern.** A visual and audible signal ...~~

~~**1116B.1.15 1116B.1.14 Doorjamb marking.** Passenger elevator landing...~~

~~**1116B.1.16 1116B.1.15 Location.** Passenger elevators shall be located ...~~

**1116B.2 Special Access (Wheelchair) Lifts.** Special access wheelchair lifts may be provided between levels in lieu of passenger elevators when the vertical distance between landings, as well as the structural design and safeguards are as allowed by the State of California, Division of the State Architect, Access Compliance, the Department of Industrial Relations, Division of Occupational Safety and Health and any applicable safety regulations of other administrative authorities having jurisdiction.

If lifts are provided, they shall be designed and constructed to facilitate unassisted entry, operation and exit from the lift and shall comply with the restrictions and enhancements of this section in conjunction with Sections 3093 to 3094, Part 7, of Title 24, of the California Code of Regulations.

Additionally, lifts may be provided as part of an accessible route only for the following conditions: ...

~~**1116B.3 Special Access (Wheelchair) Lifts.** Special access (wheelchair) lifts shall not be used as a component of an exit component in an egress system.~~

~~**EXCEPTION:** When provided as a means of egress component per Section 1116B.2.2 the specialty access lift is permitted to be part of an accessible exit component when:~~

~~1. The building has a supervised automatic sprinkler system.~~

~~2. The area served by the special access lift does not serve more than 4 wheelchair viewing positions.~~

~~3. The length of the common path of travel to a point where the occupant has a choice of two directions to an exit shall not exceed 30 feet (9144 mm). The length of the common path of travel shall include the vertical travel distance of the lift.~~

~~4. The special access lift is provided with standby power or with self-recharging battery power that provides sufficient power to operate all platform lift functions for a minimum of 5 (five) upward and downward trips.~~

~~**1116B.3.1 Platform lifts used, as a component in a means of egress system shall conform to the requirements of Section 1116B.3.**~~

~~**1116B.3.2 Platform lifts shall be provided with standby power or with self-rechargeable battery power that provides sufficient power to operate all platform lift functions for a minimum of 5 (five) upward and downward trips.**~~

~~**1116B.3.3 When used to comply to Section 1116B.2.2 wheelchair viewing position line-of-sight and dispersion requirements of Chapter 11B and the maximum distance to a point where the occupant has a choice of two directions of travel to an exit shall not exceed 30 feet (9144 mm) from the point where the wheelchair occupant is seated. Where a platform lift is used as the accessible means of egress, the maximum distance shall include the vertical travel distance of the platform lift.**~~

**1116B.3 When provided as a means of egress.** *Special access (wheelchair) lifts, when provided as a component in an accessible means of egress, shall conform to the requirements of Section 1116B.3.*

**1116B.3.1 Standby Power.** *To ensure continued operation in case of primary power loss, special access (wheelchair) lifts shall be provided with standby power or with self-rechargeable battery power that provides sufficient power to operate all platform lift functions for a minimum of 5 (five) upward and downward trips.*

**1116B.3.2 Special access (wheelchair) lifts, when provided per Section 1116B.2.2, are permitted to be a component of an accessible means of egress when the area served by the special access lift does not serve more than 4 wheelchair viewing positions and where any one of the following conditions exist:**

*1. The building has a supervised automatic sprinkler system.*

*2. The maximum distance from the point where the wheelchair occupant is seated to a point where the occupant has a choice of two directions of travel to an exit shall not exceed 30 feet (9144 mm). The length of the path of travel shall include the vertical travel distance of the lift.*

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1117B – OTHER BUILDING COMPONENTS**

### **1117B.1 Water Fountains (Drinking)**

**1117B.1.1 General.** Where water fountains are provided, they shall comply with this section.

In new construction, where only one drinking fountain area is provided on a floor, there shall be a drinking fountain that is accessible to individuals who use wheelchairs in accordance with Section ~~1115B.2.1.5~~ ~~4445B.2.1.2~~ and one accessible to those who have difficulty bending or stooping. This can be accommodated by the use of “hi-low” fountains, or by such other means as would achieve the required accessibility for each group on each floor.

**1117B.1.2 Alcoves.** Water fountains shall be located completely within alcoves or otherwise positioned so as not to encroach into pedestrian ways. The alcove in which the water fountain is located shall not be less than 32 inches (813 mm) in width and 18 inches (457 mm) in depth. See Figure 11B-3 of this code. Protruding objects located in alcoves or otherwise positioned so as to limit encroachment into pedestrian ways are permitted to project 4 inches into walks, walls, halls, corridors, passageways or aisles.

**EXCEPTION:** When the ... he blind as follows:

1. The surface of the ... of the water fountain, or
2. Wing walls shall be ... the wing walls.

### **1117B.2 Telephones.**

#### **1117B.2.9 Text telephones.**

**1117B.2.9.3 Signage.** Text telephones shall be identified by the International TTY symbol (see Figure ~~11B-14A~~ ~~44B-14~~). If a facility has a public text telephone, directional signage indicating the location of the nearest such telephone shall be placed adjacent to all banks of telephones that do not contain a text telephone. Such directional signage shall include the International TTY symbol. If a facility has no banks of telephones, the directional signage shall be provided at the entrance or in a building directory.

**1117B.3 Kitchens.** See Section ~~4442A~~ 1133A.

### **1117B.5 Signs and Identification.**

**1117B.5.1 ~~International Symbol of Accessibility~~ 1. General.** When new or additional signs and/or identification devices are provided, or when existing signs and/or identification devices are replaced or altered, the new or altered signs and/or identification devices shall comply with 1117B.5. The addition of or replacement of signs and/or identification devices shall not trigger any additional path of travel requirements.

**~~1. 2.~~ Identification signs.** When signs identify permanent rooms and spaces of a building or site, they shall comply with 1117B.5.2, 1117B.5.3, 1117B.5.5, 1117B.5.6 and 1117B.5.7.

**NOTES:** 1. For other means of egress signs and identification provisions adopted by SFM & DSA/AC see Chapter 10, Sections 1003.2.8.1 for Visual Exit Signs, 1003.2.8.2 for Where Required, 1003.2.8.3 for Graphics, 1003.2.8.4 for Illumination, 1003.2.8.5 for Power Source, 1003.2.8.6 for Tactile Exit Signage, 1003.2.8.6.1 for Where Required, 1003.3.3.13.1 for Tactile Stair Level Identification Sign, and 1003.3.1.10 for Special Egress-control Devices.

2. See also section 1116B for additional signage requirements applicable to elevators and section 1115B.5 for sanitary facilities.

2. 3. Direction and informational signs. When signs direct ...

3. 4. Accessibility signs. When signs identify, direct or ...

4. Plan Review and Inspection. Identification, direction, informational and accessibility signs specified in this section, in addition to elevator car control identification in Section 1116B.1.9 and elevator doorjamb marking in Section 1116B.1.15 are not features exempt from permit as cosmetic or finish work. Plans and specifications or other documents indicating compliance with these regulations shall be submitted to the enforcing agency for review and shall receive written approval for new construction or when these features are added, replaced or altered due to renovation, alterations, structural repair or additions to existing buildings and facilities. See 1134B.2.1.

Installations shall be field inspected for compliance with these regulations and approved prior to the issuance of a certificate of occupancy, or in the case where no certificate of occupancy is granted, prior to final inspection. Such inspections shall include, but not be limited to, confirmation that Braille dots and Braille cells are properly spaced and raised characters are properly sized and proportioned. Prepunched Braille templates, guides, or other tools shall be used.

**1117B.5.2 Finish and contrast.** Characters, symbols and their background shall have a non-glare finish. Characters and symbols shall contrast a minimum of 70% with their background, either light characters on a dark background or dark characters on a light background.

The LRV (light reflectance value) of a materials' finish shall be determined by ASTM E1349-90 (1998) or equivalent standard. To determine contrast, use the following formula, or per ASTM D2616-96 or equivalent gray scale standard:

Contrast	= (B1 - B2) / B1 X 100 where
B1	= light reflectance value (LRV) of the lighter area, and
B2	= light reflectance of the darker area.

**1117B.5.5 Raised characters and pictorial symbol signs...** When raised characters ...

4. Character placement. Characters and Braille shall be in a horizontal format. Braille shall be placed a minimum of 3/8 inch and a maximum of 1/2 inch directly below the tactile characters; flush left or centered. When tactile text is multi-lined, all Braille shall be placed together below all lines of tactile text.

**1117B.5.6 Braille.** Contracted Grade 2 Braille shall be used wherever Braille is required in other portions of these standards. Dots shall be 1/10 inch (2.54 mm) on centers in each cell with 2/10-inch (5.08 mm) space between cells, measured from the second column of dots in the first cell to the first column of dots in the second cell. Dots shall be raised a minimum of 1/40 inch (0.635 mm) above the background. Braille dots shall be domed or rounded.

**1117B.5.7 Mounting location and height.** Where permanent identification is provided for rooms and spaces, signs shall be installed on the wall adjacent to the latch side, ~~outside~~ of the door. Where there is no wall space on the latch side, including at double leaf doors, signs shall be placed on the nearest adjacent wall, preferably on the right.

Mounting height shall be 60 inches (1524 mm) above the finish floor to the center line of the sign. Mounting location shall be determined so that a person may approach within 3 inches (76 mm) of signage without encountering protruding objects or standing within the swing of a door.

**NOTE:** See also Section 1115B.5 for additional signage requirements applicable to sanitary facilities.

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**Related changes to 1117B.5.1 (1127B.3, 1133B.1.1.1.1 Exception 2)**

## **SECTION 1127B – EXTERIOR ROUTES OF TRAVEL**

**1127B.1 General.** Site development and ...

### **EXCEPTIONS:**

1. Where the enforcing ...
2. In existing buildings, this ...

**NOTE:** See Section 101.17.11, Item 5 ~~Item 4~~.

**1127B.3 Signs.** At every primary public entrance and at every major junction where the accessible route of travel diverges from the regular pathway, along or leading to an accessible route of travel, entrance, or facility, there shall be a sign displaying the ~~International Symbol of Accessibility~~. Signs shall indicate the direction to accessible building entrances and facilities and shall comply with the requirements found in Sections 1117B.5.1 Item 2 and 1117B.5.8.1, 1117B.5 through 1117B.5.9.

## **SECTION 1133B – GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL**

### **1133B.1.1 Entrances.**

**1133B.1.1.1 Entrances** and exterior ground floor exit doors.

**1133B.1.1.1.1 All entrances and exterior ...** Sections 1118B.1 and 1118B.2.

#### **EXCEPTIONS:**

1. Exterior ground-floor exits ...
2. Exits in excess of those required by Section 1114B.2.1, and which are more than 24 inches (610 mm) above grade are not required to be accessible. Such doors shall have signs warning that they are not accessible. Warning signs shall comply with Section 1117B.5.1 Item 2. ~~1117B.5.~~
3. In existing buildings ... by persons with disabilities.
4. These building standards shall not apply to existing buildings when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~, Special Conditions for Persons with Disabilities Requiring Appeals Action Ratification.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

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### **1117B.5.11 Cleaner air symbol.**

**1117B.5.11.2 Conditions of use.** Use of the ... is met.

1. Floor or wall coverings, floor ... the previous 12 months.
2. Incandescent lighting ... or path of travel.
3. Heating, ventilation, air condition in... occupant or user.
4. To maintain "cleaner-air" ... use or application.
5. Signage shall be posted ... or path of travel.
6. A log shall be maintained ... designation. The log shall also include the product label as well as the Material ~~material~~ Safety Data Sheets (MSDS).

**1117B.6 Controls and Operating Mechanisms.** See also Sections 210-7(g), 380-8(c) and 760-16 ~~760-9~~, California Electrical Code, for electrical installation.

1. **General.** Controls and ...this section.
2. **Clear floor space.** Clear floor space ... equipment.
3. **Height.** The highest operable ... above the floor.

**EXCEPTION:** These requirements do not ... by building occupants.

4. **Operation.** Controls and operating ... 5 pounds (22.2 N) of force.

### **1117B.7 Automated Teller Machines and Point of Sale Machines.**

**1117B.7.2 General.** Where ATMs are provided for the public, they shall comply with this section.

#### **EXCEPTIONS:**

1. In grocery ...
2. Where the ...
3. In existing buildings, these regulations shall not apply when legal or physical constraints would not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.
4. Drive-up-only ...
5. Card reading...

### **Table 11B-5 (Maximum Reach Depth for Automated Teller Machines)**

**NOTE:** See Figure 11B-5F(d) ~~Figure 11B-5D(d)~~.

Authority: Government Code Section 4450.

## **SECTION 1118B – SPACE ALLOWANCE AND REACH RANGES**

**1118B.1 Wheelchair Passage Width.** The minimum clear width for single wheelchair passage shall be 32 inches (813 mm) at a point and 36 inches (914 mm) continuously. See Figure ~~11B-12~~ 11B-10.

**1118B.2 Width for Wheelchair Passing.** The minimum width for two wheelchairs to pass is 60 inches (1524 mm). See Figure ~~11B-12~~ 11B-11.

**1118B.5 Forward Reach.** If the clear floor space allows only forward approach to an object, the maximum high forward reach allowed shall be 48 inches (1219 mm) [see Figure 11B-5C (b)]. The minimum low forward reach is 15 inches (381 mm). If the high forward reach is over an obstruction, reach and clearances shall be as shown in Figure 11B-5C(a)(b).

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1120 – FLOORS AND LEVELS**

**1120B.1 Floors Within Each Story.** In buildings and facilities, ... lifts.

### **EXCEPTIONS:**

1. In existing ... facilitation is provided.
2. In existing ... for new buildings only.
3. In existing buildings, this section shall not apply when legal or physical constraints would not allow compliance with this section or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, ~~Item 5~~ Item 4.
4. Where specifically exempted in other portions of this code.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1127B – EXTERIOR ROUTES OF TRAVEL**

**1127B.1 General.** Site development and ...

**Exceptions:** 1. Where

2. In existing buildings ...

**NOTE:** See Section 101.17.11, ~~Item 4~~ Item 5.

**1127B.4 Outside Stairways.** Where stairways occur outside a building, refer to Sections 1006.17 of the 1995 California Building Code, ~~4420A.4.3~~ 1115A and 1133B.4.4.

### **1127B.5 Curb Ramps.**

**1. General.** Curb ramps shall be ...

**2. Width of curb ramps.** Curb ramps shall be ...

**3. Slope of curb ramps.** The slope of curb ramps shall not exceed 1 unit vertical to 12 units horizontal (8.33% slope). Transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes. ~~except that curb ramps shall comply with Item 5 below.~~ Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1 unit vertical to 20 units horizontal (5% slope) within 4 feet (1219 mm) of the top and bottom of the curb ramp. The slope of the fanned or flared sides of curb ramps shall not exceed 1 unit vertical to 10 units horizontal (10% slope).

**4. Level landing.** A level landing 4 feet (1219 mm) deep ...

~~**5. Beveled lip.** The lower end of each curb ramp shall have a 1/2 inch (13 mm) lip beveled at 45 degrees as a detectable way finding edge for persons with visual impairment.~~

~~**5. 6. Finish.** The surface of each ...~~

~~**6. 7. Border.** All curb ramps ...~~

~~**7. 8. Detectable warnings.** All curb ramps shall have a detectable warning surface. The detectable warning surface shall be located so that the edge nearest the curb line is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the curb line, and shall extend 36 inches (914 mm) in the direction of travel and the full width of the~~

~~curb ramp. that extends the full width and depth of the curb ramp inside the grooved border when the ramp slope is less than 1 unit vertical to 15 units horizontal (6.7% slope). Detectable warnings shall consist of a surface of raised truncated domes aligned in a square grid pattern. Truncated domes shall have with a base diameter of nominal 0.9 inch (22.9 23 mm) to 1.4 inches (36 mm) maximum, a top diameter of 50% minimum of the base diameter to 65% maximum of the base diameter, and a height of 0.2 inches (5 mm). Domes shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inches (16 mm) minimum, measured between the most adjacent domes on the square grid, at the base tapering to 0.45 inch (11.4 mm) at the top, a height of nominal 0.2 inch (5.08 mm) and a center-to-center spacing of nominal 2.35 inches (59.7 mm) in compliance with See Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning surface shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment.~~

Only approved DSA/AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces.

**NOTE:** Detectable warning products ...

**8. 9. Obstructions.** Curb ramps shall be l....

**9. 10. Diagonal curb ramps.** If diagonal (or corner-type) curb ramps ...

**NOTES:** ...

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

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**Related changes to 1127B.5 #5 and #8:** Figures for Curb Cut Details Figures 11B-20A, 20B, 20C and 20D, Figure 11B-21 (Returned Curb Style), Figure 11B-23A (Truncated Domes) and 1133B.8.3 (Detectable Warning at Transit Boarding Platforms).

In **Figures for Curb Cut Details 11B-20A, 20B, 20C and 20 D** the cross reference to Sec. 1127B.5.10 is incorrect with the amendments in this rulemaking in 1127B.5. DSA/AC is amending the cross-reference in these Figures to read 1127B.5.9.

In **Figure 11B-21(Returned Curb Style)** the Beveled Lip ½" Max. Typ. is deleted to be consistent with the changes in 1127B.5 #5, which deletes the provision for beveled lip.

**Figure 11B-23A(Truncated Domes) Figure amended to be consistent with the changes in 1127B.5 #8**

- Truncated domes are amended to be aligned in a square grid pattern.
- Base diameter is amended to be 0.9 inches minimum to 1.4 inches maximum.
- Top diameter is amended to 50% of base minimum to 65% of base maximum.
- Domes are amended to have a center-to-center spacing of 1.6 inches minimum to 2.4 inches maximum.
- Base to base spacing is amended to 0.65 inches minimum.

## **1133B GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL**

### **1133B.8 Hazards.**

**1133B.8.3 Detectable warnings at transit boarding platforms.** Transit boarding platforms shall have a detectable warning texture extending the full length of the loading area. This detectable warning texture shall have the following features:

Width 24 to 36 inches (610 mm to 914 mm) placed at the edge of the drop-off or safe area.

Durable, slip-resistant material having a surface texture composed of raised, truncated domes ~~aligned in a square grid pattern. in a staggered pattern~~. Truncated domes shall have a base diameter of 0.9 inch (23 mm) minimum to 1.4 inches (36 mm) maximum, a top diameter of 50% minimum of the base diameter to 65% maximum of the base diameter, and a height of 0.2 inches (5 mm). Domes shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inches (16 mm) minimum, measured between the most adjacent domes on the square grid. See Figure 11B-23A with a diameter of nominal 0.9 inch (22.9 mm) at the base tapering to 0.45 inch (11.4 mm) at the top, a height of nominal 0.2 inch (5.08 mm), and a center-to-center spacing of nominal 2.35 inches (59.7 mm) in compliance with Figure 11B-23A. "Nominal" as used here shall be in accordance with California State Referenced Standards Code

~~Sections 12-11A and B-102.~~ The detectable warning shall contrast visually with adjoining surfaces, either light on dark or dark on light. The material used to provide contrast shall be an integral part of the walking surface. Warning surfaces shall differ from adjoining walking surfaces in resiliency or sound on cane contact. This surface shall be reserved for warning.

Color yellow conforming to Federal Color No. 33538, as shown in Table IV of Standard No. 595B. Where the color value contrast between the yellow warning and the main walking surface is less than 70 percent, a 1 inch-wide (25 mm) black strip shall separate the yellow warning from the main walking surface. Contrast shall be determined by:

Color yellow conforming to Federal Color No. 33538, as shown in Table IV of Standard No. 595B. Where the color value contrast between the yellow warning and the main walking surface is less than 70 percent, a 1 inch-wide (25 mm) black strip shall separate the yellow warning from the main walking surface. Contrast shall be determined by:

Contrast =  $[(B1-B2/B1)] \times 100$  percent where B1 = light reflectance value (LRV) of the lighter area and B2 = light reflectance value (LRV) of the darker area.

Only approved DSA/AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces.

**NOTE:** Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

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## **SECTION 1128B – PEDESTRIAN GRADE SEPARATIONS (OVERPASSES AND UNDERPASSES)**

Pedestrian ramps on ... and a usable pathway.

### **EXCEPTIONS:**

1. When the grade ... complied with.
2. For existing ... unreasonable hardship.

**NOTE:** See Section 101.17.11, Item 5 ~~Item 4~~.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1129B – ACCESSIBLE PARKING REQUIRED**

**1129B.2 Less Than Five Spaces.** When less than five parking spaces are provided at buildings and facilities subject to these regulations, one shall be ~~14 feet (4267 mm)~~ 17 feet (5,181.6 mm) wide and lined to provide a 9-foot (2743 mm) parking area and a ~~5-foot (1524 mm)~~ 8-foot (2,438.4 mm) loading and unloading area. However, there is no requirement that the space be reserved exclusively or identified for use by persons with disabilities only.

**1129B.4 Parking Space Size.** Accessible parking ... sized as follows:

1. **Dimensions.** Where single spaces are ... This notice shall be painted in white letters no less than 12 inches (~~454 mm~~ 305 mm) high and located so that it is visible to traffic enforcement officials. See Figure 11B-18A.
2. **Van space(s).** One in every eight ... This notice shall be painted in white letters no less than 12 inches (~~454 mm~~ 305 mm) high and located so that it is visible to traffic enforcement officials. See Figure 11B-18B.
3. **Arrangement of parking space.** In each ... ~~This~~ The maximum cross slope in any direction of an accessible parking space and adjacent access aisle shall not exceed 2%.

**EXCEPTIONS:** See Figures 11B-18A through 11B-18C.

1. Where the enforcing ... facilitation is provided.
2. Parking spaces may be ... unreasonable hardship.

**NOTE:** See Section 101.17.11, Item 5 ~~Item 4~~.

### **Related Changes to 1129B.4**

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**Figures 11B-18A, B and C** are unclear as to where the words "NO PARKING" are to be placed within the loading and unloading access aisle. Proposing to amend Figures 11B-18A, 18B, and 18C to more clearly identify that at the bottom of the loading and unloading access aisle the words NO PARKING shall be painted on the ground within each

eight-foot (2438 mm) loading and unloading access aisle. The dimension of where to begin measuring for the 9' stall width is unclear. Figures are amended to include that the stall dimension is to the centerline of the stripe for other than unloading and loading access aisle striping. Figures are included at the end of the Express Terms.

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Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1130B – PARKING STRUCTURES**

*All entrances to and vertical ... accessible parking spaces.*

### **EXCEPTIONS:**

1. *Where the enforcing ... is provided.*
2. *This section shall not apply to existing buildings where the enforcing agency determines that, due to legal or physical constraints, compliance with these regulations or equivalent facilitation would create an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.*

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **SECTION 1133B – GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL**

**1133B.1.1.1.1** (see related changes to 1117B.5.1)

### **1133B.2. Doors.**

#### **1133B.2.3 Hinged Doors.**

##### **1133B.2.3.1 Pairs of Doors.**

##### **1133B.2.3.2 Automatic doors.** *When an automatic ...*

### **EXCEPTIONS:**

1. *The provisions of ... following shall apply:  
Where the occupant ... in clear width.  
Where occupant load ... in clear width.*
2. *In existing buildings, the provisions of this section shall not apply when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.*

##### **1133B.2.5 Closer-effort to operate doors.** *[Revisions Currently Pending]*

### **1133B.3 Corridors, Hallways and Exterior Exit Balconies.**

#### **1133B.3.1 Corridor and hallway widths.**

#### **1133B.3.2 Corridors and hallways over 200 feet (60,960 mm).** *Corridors and hallways that ...*

### **EXCEPTIONS:**

1. *In existing buildings, ...*
2. *In existing buildings, the provisions of this section shall not apply when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.*

### **1133B.4 Stairways.**

#### **1133B.4.2 Handrails ~~C~~onfiguration.**

##### **1133B.4.2.6 Handgrips.**

##### **1133B.4.2.6.1** *The handgrip portion ...*

### **EXCEPTIONS:**

1. *In existing buildings...*
2. *These regulations shall not apply in existing buildings where legal or physical constraints will not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.*

**1133B.4.3 Tactile stair level identification signage** *Tactile stair level identification signs that comply with 1117B.5 Item 1 ~~1117B.4-B~~ shall be located at each floor level landing in all enclosed stairways in buildings two or more stories in height to identify the floor level. At exit discharge level, the sign shall include a raised five pointed star located to*



the left of the identifying floor level. The outside diameter of the star shall be the same as the height of the raised characters.

#### **1133B.4.5 Treads, nosing and risers.**

**1133B.4.5.3 Open risers are not permitted.** On any given ... the horizontal.

**EXCEPTIONS:**

1. In existing buildings, ...
2. These regulations shall not apply to existing buildings when legal or physical constraints will not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.

#### **1133B.5 Ramps.**

##### **1133B.5.2 Width.**

**1133B.5.2.2 Entrance and special occupancy.** Pedestrian ramps serving entrances to buildings where the ramp is the only exit discharge path and ~~or~~ serves an occupant load of 300 or more shall have a minimum clear width of 60 inches (1524 mm). Ramps serving Group R Occupancies may be 36 inches (914 mm) clear width when the occupant load is 50 or less.

##### **1133B.5.4 Landings.**

**1133B.5.4.1 Location of landings.** Level ramp landings shall be provided at the top and bottom of each ramp. Intermediate landings shall be provided at intervals not exceeding 30 inches (762 mm) of vertical rise and at each change of direction. Landings are not considered in determining the maximum horizontal distance of each ramp. Landing shall be level as specified in the definition of "level area" in Section 1102B ~~Section 202~~.

**1133B.5.4.3 Encroachment of doors.** See Section 1003.3.4.4 ~~1133B.5.4.1~~.

##### **1133B.5.6 Wheel guides. ...**

**1133B.5.6.2** A wheel guide rail shall be provided, centered 3 inches (76 mm) plus or minus 1 inch (25 mm) above the surface ~~or of~~ the ramp.

**1133B.5.7** Ramps more than 30 inches (762 mm) above the adjacent ground shall be provided with guardrails as required by this section ~~and Section 1003.3.4.6~~. Such guardrails shall be continuous from the top of the ramp to the bottom of the ramp.

**1133B.5.7.3 Height.** The top of guardrails shall not be less than 42 inches (1067 mm) in height.

**EXCEPTIONS:**

1. The top of guardrails for Group R, Division 3 ...
2. The top guardrails on a balcony immediately ...
3. The top of guardrails for stairways, exclusive of their landings, may have a height as specified in Sections ~~4420A.4.4~~ 1123A.6.1 and 1133B.4.1.1 for handrails.

Where an elevation... the aisle floor shall be provided.

**EXCEPTION:** Where the backs of seats on the front of the cross aisle project 24 inches (610 mm) or more above the adjacent floor of the aisle, a guardrail ~~guardrail~~ need not be provided.

The top of guardrails ... and 36 inches (914 mm) otherwise.

#### **1133B.7 Walks and Sidewalks.**

**1133B.7.1 Continuous surface.** Walks and sidewalks subject to these regulations shall have a continuous common surface, not interrupted by steps or by abrupt changes in level exceeding 1/2 inch (12.7 mm) (see Section 1133B.7.4 ~~1133B.7.3~~), and shall be a minimum of 48 inches (1219 mm) in width. Surfaces shall be slip-resistant as follows:

**1133B.7.1.3 Surface cross slopes.** Surface cross slopes shall not exceed 1/4 inch (6 mm) per foot except when the enforcing agency finds that due to local conditions it creates an unreasonable hardship, the cross slope shall be increased to a maximum of 1/2 inch (12.7 mm) per foot for distances not to exceed 20 feet (6096 mm) (4.16 % ~~2.5%~~ gradient).

**EXCEPTION:** When, because ... 36 inches (914 mm).

**1133B.7.2 Gratings.** Walks, sidewalks and ... of traffic flow.

**EXCEPTIONS:**

1. Where the enforcing ...

2. This section shall not apply in those conditions where, due to legal or physical constraints, the site of the project will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, Item 5 ~~Item 4~~.

**1133B.8.3 Detectable Warning at Transit Boarding Platforms.** (see related changes to 1127B.5 #8)

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**SECTION 1134B – ACCESSIBILITY FOR EXISTING BUILDINGS**

**1134B.2 General.** ...

**1134B.2.1** A primary entrance ... public telephones serving the area.

**EXCEPTIONS:**

2.4 Other buildings and facilities... accessible level.

**NOTE:** For the general privately funded multistory building exception applicable to new construction and alterations, see Section 1103B.1, Exception 3 ~~Exception 2.4~~.

**1134B.3 General Accessibility for Entrances, Exits and Paths of Travel.**

**1134B.3.1 Automatic doors.** When an automatic ....

**EXCEPTIONS:**

1. In existing buildings the following shall apply:

1.1 Where the occupant load is less than 10, except ...

1.2 Where occupant load is greater than 10 and it is determined that compliance with Section ~~4420A.2.3~~ 1132A.2.1 would create an unreasonable hardship, doorways may be 30 inches (762 mm) in clear width.

2. In existing buildings, the provisions of this section shall not apply when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 101.17.11, ~~Item 4~~ Item 5.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**Figures:**

In Figure 11B-1A (Multiple Toilet Stall) the diagram cross-reference is incorrect. The 60-inch minimum width for multiple toilet stall was left out of figure. Proposing to correct diagram by including cross-reference for minimum width for multiple toilet stall to read: 60"- min. The cross-references to figures for Single Occupancy Toilet and Multiple Toilet Stall are incorrect. DSA/AC is amending the cross-references to the Figures to read Single Accommodation ~~Occupancy~~ Toilet to be consistent with section 1115B.7.2 and Multiple Accommodation Toilet Stall to be consistent with section 1115B.7.1. The reference in the Side Elevation figure to 33" is incomplete. DSA/AC is amending the cross-reference to read '33 to center line, for clarity.

In Figure 11B-1B (Multiple Accommodation Toilet) the diagram cross-reference is incorrect. The 60-inch minimum width for multiple accommodation toilet stall was left out of figure. Proposing to correct the diagram by including cross-reference for minimum width for multiple accommodation toilet stall to read: 60"- min.

In Figure 11B-1D (Knee Clearance) the side view diagram cross-reference to 34" min. is incorrect. Proposing to correct cross-reference to read: 34"- max min.

In Figure 11B-1D (Knee Clearance) the plan view diagram cross-reference to 19" min. is incorrect. Proposing to correct cross-reference to read: 19"- max min.

In Figure 11B-2A (Roll-in Shower) the elevation at shower typical for A-C diagram cross-reference to 46" max. is incorrect. Proposing to correct cross-reference to read: 40"- max ~~46max~~.

In Figure 11B-2B (Roll-in Shower) the Perspective of Roll-in Shower—B the height of the control cross-reference to 46" Max. is incorrect. Proposing to correct cross-reference to read: 40" ~~46"~~ - Max.

In Figure 11B-2C (Open Shower) section diagram reference to 46" max. is incorrect. Proposing to correct reference to read, 40"-max ~~46-max~~. Proposing to correct the word "LEVER" to "LEVEL".

In Figures 11B-14A, 11B-14B, 11B-14C titles of all figures are incorrect. Proposing to correct title of each figure as follows:

Figure 11B-14A – International TTY Symbol  
~~INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED~~

Figure 11B-14B – Volume Control Telephones  
~~INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED~~

Figure 11B-14C—International Symbol of Access For Hearing Loss  
~~INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED~~

In Figure 11B-18A (Double Parking Stalls) section diagram references to 18" and 8" are incorrect. Proposing to correct references to read 18-feet 48" and 8-feet 8". The placement of painting the words "NO PARKING" within the accessible parking stall is unclear. Proposing to correct Figures to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min.

In Figure 11B-18B (Single Parking Stalls) the placement of painting the words "NO PARKING" within the accessible parking stall is unclear. Proposing to correct Figures to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min

In Figure 11B-18C (Diagonal Parking Stalls) section diagram reference to 18" is incorrect. Proposing to correct reference to read 18-feet 48". The placement of painting the words "NO PARKING" within the accessible parking stall is unclear. Proposing to correct Figures to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min.

Figures for Curb Cut Details 11B-20A, 20B, 20C and 20 D (see related changes to 1127B.5 #10).

Figure 11B-23A—Truncated Domes – Old Figure is replaced with a new Figure 11B-23A (see related changes to 1127B.5 #8)

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## ***Chapter 11C [For DSA/AC]*** ***STANDARDS FOR CARD READERS AT GASOLINE*** ***FUEL DISPENSING FACILITIES***

### ***SECTION 1101C – CARD-READER DEVICES AT FUEL DISPENSING EQUIPMENT***

**1101C.1 General.** *Notwithstanding other requirements in the California Building Code (CBC), only the requirements and additional definitions in this section shall apply to card-reading devices in motor vehicle fuel facilities, except that administrative requirements which are found in Chapter 1 still apply.*

*For purposes of this section, the following additional definitions shall apply:*

**ACCESSIBLE.** *See 11A, Section ~~1102A.1-A~~ 1107A.1-A and Chapter 11B, Section 1102B.*

**INTERNATIONAL SYMBOL OF ACCESSIBILITY.** *See Chapter 11A, Section ~~1102A.9-I~~ 1107A.9-I and Chapter 11B, Section 1102B.*

**LEVEL AREA** *See Chapter 11A, Section ~~1102A.12-L~~ 1107A.12-L and Chapter 11B, Section 1102B*

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**Chapter 30**  
**ELEVATORS, DUMBWAITERS, ESCALATORS**  
**AND MOVING WALKS**

**SECTION 3001 – SCOPE**

The provisions of this chapter shall apply to the design, ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for special access lifts, see California Code of Regulations, Title 24, Part 7, Article 7-15, Sections 7-3093 through 7-3094.5 and Part 2, Sections ~~4440A.1124A~~ and 1116B.

**3001.1 [For DSA/AC & HCD 1 and HCD 1/AC] Referenced Standards.** For elevators and special access lifts in covered multi-family dwellings see Chapter 11A, Section ~~4440A.1124A~~ For accessibility requirements for elevators and special access (wheelchair) lifts in public accommodations, commercial buildings, and publicly funded, owned or leased housing, see Chapter 11B, Section 1116B.

**SECTION 3003 – SPECIAL PROVISIONS**

**3003.4 Size of Cab and Control Locations.**

**3003.4.1 General.** In buildings three or more stories ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for size of cab and control locations in accessible housing, see Chapter 11A, Section ~~4440A.1.2~~ 1124A.3 and for public buildings, public accommodations, commercial buildings, and publicly funded housing, see Chapter 11B, Section 1116B.1.1.

**3003.4.2 Operation and leveling.** The elevator shall be automatic and ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for operation and leveling in accessible housing, see Chapter 11A, Section ~~4440A.1.3~~ 1124A.10. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.2.

**3003.4.5 Door protective and reopening device.** Doors closed by automatic means ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for door protective and reopening device in accessible housing, see Chapter 11A, Section ~~4444A.1~~ 1124A.9. For public buildings, public accommodations, commercial buildings, and publicly funded housing, see Chapter 11B, Section 1116B.1.5.

**3003.4.6 Door delay (passenger service time).**

**3003.4.6.1 Hall call.** The minimum acceptable time from ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for hall call in accessible housing, see Chapter 11A, Section ~~4440A.1.5~~ 1124A.7.1. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.6.

**3003.4.6.2 Car call.** The minimum acceptable time ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for car call in accessible housing, see Chapter 11A, Section ~~4440A.1.6~~ 1124A.7.2. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.7.

**3003.4.8 Car controls.** Controls shall be readily accessible ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for car controls in accessible housing, see Chapter 11A, Section ~~4440A.1.8~~ 1124A.3.3. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.9.

**3003.4.13 Minimum illumination.** The minimum illumination at the car controls ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for minimum illumination at car controls in accessible housing, see Chapter 11A, Section ~~4440A.1.10~~ 1124A.5. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.12.

**3003.4.15 Hall lantern.** A visual and audible signal ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for hall lantern in accessible housing, see Chapter 11A, Section ~~4440A.1.14~~ 1124A.6. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.14.

**3003.4.16 Doorjamb marking.** The floor designation shall be provided at ...

**[For DSA/AC] EXCEPTION:** For accessibility requirements for doorjamb marking in accessible housing, see Chapter 11A, Section ~~4440A.1.12~~ 1124A.8. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.15.

**3003.4.17 Location.**

**[For DSA/AC] EXCEPTION:** For accessibility requirements for location of passenger elevators in accessible housing, see Chapter 11A, Section ~~4440A.1.13~~ 1124A.2. For public buildings, public accommodations, commercial buildings and publicly funded housing, see Chapter 11B, Section 1116B.1.16.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

## **PART 3**

### **Article 406 -- Receptacles, Cord Connectors, and Attachment Plugs (Caps)**

#### **406.3 General Installation Requirements.**

##### **406.3(G) Installation Heights.**

**[DSA/AC] - Installation Heights.** Where access for ... platform.

**Exception No. 1:** Receptacle outlets installed as part of permanently installed baseboard heaters are exempt.

**Exception No. 2:** Required receptacle outlets shall be permitted in floors when adjacent to sliding panels or walls.

**Exception No. 3:** Baseboard electrical outlets used in re-locatable partitions, window walls or other electrical convenience floor outlets are not subject to the minimum height requirements.

**Exception No. 4:** This section shall not apply to existing buildings when the enforcing agency determines that compliance with these standards would create an unreasonable hardship.

Authority: Government Code Section 4450.

Reference: Government Code Sections 4450 through 4460, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

**DRAFT INITIAL STATEMENT OF REASONS**  
**FOR**  
**PROPOSED BUILDING STANDARDS**  
**OF THE**  
**DIVISION OF THE STATE ARCHITECT – ACCESS COMPLIANCE**

**REGARDING THE**  
**CALIFORNIA ADMINISTRATIVE, BUILDING AND ELECTRICAL CODES**  
**CALIFORNIA CODE OF REGULATIONS,**  
**TITLE 24, PARTS 1, 2, AND 3**

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

**STATEMENT OF SPECIFIC PURPOSE AND RATIONAL**

**PART 1 - CHAPTER 5 – ACCESS TO PUBLIC BUILDING BY PHYSICALLY HANDICAPPED PERSONS**

In the title the words 'physically handicapped persons' is incorrect. DSA is proposing to amend the title to read 'Access to Public Building by Persons With Disabilities'. Amendment is consistent with the definition in CCR, Title 24, Part 2, Chapter 2.

**Article 1 - 5-103 (Application)**

Three addresses as currently published in the 2001 edition of the California Administrative Code for DSA Headquarters, Sacramento and Los Angeles Regional Offices are incorrect. DSA/AC is proposing to correct the following DIVISION OF THE STATE ARCHITECT addresses to read:

Headquarters Office Access Compliance Program, 1102 Q Street, Suite 5100, Sacramento, CA 95814,  
Sacramento Office—II 1102 Q Street, Suite 5200, and  
Los Angeles Basin Office—III, 311 So. Spring Street, Suite 1301, Los Angeles, CA 90012.

**Article 2 - 5-202 (IEEA Application Procedure)**

The acronym for 'Independent Entity Evaluation Approvals' is incorrect (IEEA). DSA/AC is proposing to correct the acronym to read IEEA to be consistent with 5-201.

**PART 2 - CHAPTER 1 - ADMINISTRATION**

In Chapter 1 (Administration) the Matrix Adoption Table indicates that DSA/AC adopts the entire UBC Chapter as amended, with those amended sections listed. However, in the body of the regulations DSA/AC adoption indicator is missing for those sections indicated in the Matrix Adoption Table.

DSA/AC is proposing to include the DSA/AC adoption indicator in the body of the regulations to keep the Matrix Adoption Table and regulations adopted consistent.

**104.2.8.1.3**

DSA/AC proposes to adopt 104.2.8.1.3 referring the user of the code to Chapters 11A, 11B and 11C for alternate materials, design, tests, and methods of construction. DSA/AC is also including in 104.2.8.1.3 use of the unreasonable hardship process where alternate means of complying with the literal accessibility requirements of these standards and specifications are used. Equivalent facilitation is also included to provide access in terms of the purpose of these standards and specifications and be in accordance with Chapter 11A, 11B, and 11C.

Section 104.2.8.1.3 is needed to clarify that those provisions of code adopted by DSA/AC do not offer a waiver of any kind for accessibility to public buildings, public accommodations, commercial buildings or publicly funded housing. Equivalent facilitation is always the primary consideration when alternatives are considered. No matter how difficult it may be to meet the requirements of the CBC an unreasonable hardship may be requested, however, equivalent facilitation would be required regardless of the hardship.

## CHAPTER 2 - DEFINITIONS AND ABBREVIATIONS

Several definitions in Chapter 2 cross-reference Chapter 11A. HCD is renumbering 11A regulations. DSA/AC is amending the cross-references to be consistent with the new numbering formation of Chapter 11A.

In **210 – I** -- DSA/AC adoption cross-reference indicator for the definition of “Independent Entity” was mistakenly left out of the publication of the 2001 edition of the California Building Code. DSA/AC is proposing to correctly cross-reference DSA/AC by adding the adoption cross-reference indicator.

In **217 – P** -- The definition of Public accommodation departs from the federal standard 36.104 (Part 36 – NON DISCRIMINATION ON THE BASIS OF DISABILITY BY PUBLIC ACCOMMODATIONS AND IN COMMERCIAL FACILITIES). Section 36.104 states: “Place of public accommodation means a facility, operated by a private entity, whose operations affect commerce and fall within at least one of the following categories -- (1) An inn, hotel, motel, or other place of lodging, except for an establishment located within a building that contains not more than five rooms for rent or hire and that is actually occupied by the proprietor of the establishment as the residence of the proprietor; ...DSA/AC is proposing to amend the CBC definition of Public Accommodation to be consistent with the federal standard 36.104.

The cross-reference to 1102A.16-P in the Exception is shown in error. No definition for public accommodation is found in 1102A.16-P. DSA/AC is proposing to amend the cross-reference to be consistent with the new numbering by HCD in 11A. DSA/AC is proposing to amend the exception to indicate “DSA/AC does not adopt this exception”.

In **220 – S – (STAIRWAY)** Since handrails are required by code for ‘stairways’, it appears that there is no requirement for single steps. Model code does not address accessibility at single step conditions. The DSA/AC, must review any and all work which effects accessibility for path of travel, functional areas, outdoor gates, fences, outdoor surfaces, landscaping, and grading. Government Code 4450 requires compliance with the Americans with Disabilities Act Accessibility Guidelines until minimum standards are adopted. Therefore, in order to meet State legislative mandates to approve plans meeting the intent of Gov. Code 4450, DSA/AC does require handrails at single step conditions where path of travel to new work is required to be accessible. Therefore, DSA/AC is proposing to repeal adoption of the definition which states: “Stairway. Two or more risers shall constitute a stairway.” DSA/AC is proposing to adopt a new definition which states: “Stairway. One or more risers shall constitute a stairway.”

In **220 – S – (STORY) and (STORY, FIRST)** Current there is no adoption indicator for DSA/AC regarding definition of ‘Story’. A definition is necessary to coordinate between the definition of ‘story and first story’. First story is adopted by DSA/AC which references Health & Safety Code Section 19955.5 (b). DSA/AC is proposing to adopt a cross-reference note referring to the definition of ‘story’ in Health and Safety Code, Section 19955.3 (a) which states, “**19955.3. (a)** “Story” means that portion of a building included between the upper surface of any floor and the upper surface of the floor next above, except that the topmost story shall be that portion of a building included between the upper surface of the topmost floor and the ceiling or roof above. If the finished floor level directly above a basement or unused under-floor space is more than six feet above grade for more than 50 percent of the total perimeter or is more than 12 feet above grade at any point, the basement or unused under-floor space shall be considered as a story. DSA/AC is proposing to add the statutory language for the definition of Story, First which reads as follows: **19955.3 b)** “First story” means the lowest story in a building which qualifies as a story and which provides the basic services or functions for which the building is used. A floor level in a building having only one floor level shall be classified as a first story, if the floor level is not more than four feet below grade, for more than 50 percent of the total perimeter, or more than eight feet below grade at any point. Adding the statutory language is for information only to aid the user of the code, when access to laws may not be available.

## CHAPTER 10 – MEANS OF EGRESS

Several cross-references in Chapter 10 are incorrect, as HCD is renumbering 11A regulations. DSA/AC is amending the cross-references to be consistent with the new numbering formation of Chapter 11A.

In **1003.2.8.6 (Tactile Exit Signage)** cross-reference to 1117B.5.1-B is incorrect. Cross-reference should read 1117B.5.1 Item 1. DSA/AC is proposing to correct the cross-reference.

In **1003.3.1.8 (Type of lock or latch)** cross-reference to DSA/AC adoption of paragraph #2 [Bars, grilles, grates ...] was mistakenly left out of the publication of the 2001 California Building Code. DSA/AC is proposing to

correctly cross-reference DSA/AC by adding cross-reference adoption indicator to paragraph #2 [Bars, grilles, grates ...]. Also, the cross-reference Note is shown in error. The provisions for type of lock or latch were intended to be relocated to Chapter 11B, but instead were not relocated. DSA/AC adopts 1003.3.1.8 without the note. DSA/AC is proposing to delete the cross-reference note in 1003.3.1.8.

In **1003.3.1.10 (Special egress-control devices)** paragraph 5 is adopted by DSA/AC but is incorrectly shown as a paragraph. Paragraph 5 should appear as a cross-reference Note. The reference in paragraph 5 to 1117B.5.1-B is incorrect. DSA/AC is proposing to make paragraph 5 a Note and to correct the cross-reference to read 1117B.5.1 Item 1.

In **1003.3.3.13.1 (Tactile stair level identification sign)** cross-reference to 1117B.5.1-B is incorrect. Cross-reference should read 1117B.5.1 Item 1. DSA/AC is proposing to correct the cross-reference.

In **1003.3.4.4 (Landings)** paragraphs 1 and 3 are a violation of CA law. Paragraphs 1 and 3 are not adopted by DSA/AC. Paragraph 2 is adopted by DSA/AC, therefore DSA/AC is proposing to add our adoption to be consistent with HCD adoption for 3-inches to clearly identify which provisions for landings DSA/AC adopts. In 1003.3.4.4 the Note is shown in error, provisions for doors were intended to be relocated to Chapter 11B, but remained in Chapter 10. DSA/AC is proposing to delete the Note in 1003.3.4.4.

In **1005.1 (General)** the cross-reference indicating DSA/AC adoption of section 1005, subsection 1005.1 was mistakenly left out of the publication of the 2001 California Building Code. DSA/AC adopts 1005.1 by reference in the definition of Exit in Chapter 2. DSA/AC is proposing to correctly cross-reference DSA/AC by adding cross-reference adoption indicator.

#### **CHAPTER 11A – HOUSING ACCESSIBILITY**

DSA/AC adopts Chapter 11A as proposed by HCD. DSA suggests the following amendments to HCD proposed Chapter 11A.

In **1107A.4-D (Detectable Warning)** and **1102B (Definitions)** the definitions for detectable warnings erroneously refers to the 'path of travel' which is inconsistent with the ADA definition of Detectable Warning. DSA/AC is proposing to correct sentence by deleting the words 'path of travel' where it should read 'circulation path' since persons with visual impairment may wander away from the path. This amendment would make the definition consistent with ADA 3.5 definition of Detectable Warning.

#### **CHAPTER 11B – ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLICLY FUNDED HOUSING:**

In **1102B (Definitions)** there is an inconsistency in the cross-references to the definitions of "Lift, Special Access", "Newly Constructed" and "Public Use Area" between Chapters 2, 11A and 11B. These definitions were mistakenly left out of Chapter 11B. These definitions refer to Chapters 11A and 11B in Chapter 2 (Definitions and Abbreviations). For consistency between Chapters 2, 11A and 11B DSA/AC is proposing to include the definitions for Lift, Special Access, Newly Constructed, and Public Use Area with cross-references in Chapter 11B to 11A to be consistent with the new numbering format of HCD.

In **1102B (Definitions)** and **1107A.4-D (Detectable Warning)** the definitions for detectable warnings erroneously refers to the 'path of travel' which is inconsistent with the ADA definition of Detectable Warning. DSA/AC is proposing to correct sentence by deleting the words 'path of travel' where it should read 'circulation path' since persons with visual impairment may wander away from the path. This amendment would make the definition consistent with ADA definition of Detectable Warning.

In **1103B.1, Exception 2**, last sentence, the word 'stripping' is spelled incorrectly. DSA/AC is proposing to correct the spelling to read 'striping'. The last sentence is corrected to read: Stair striping shall be required on stairs.

In **1104B.4.3 (Participation areas)** Item 4.1.5 the cross-reference to 1117B.6-4 is incorrect. DSA/AC is proposing to correct cross-reference to read 1117B.6 with Items 1—4.



In **1104B.5 (Dining, Banquet and Bar Facilities) #1 (General)** Exception 2 cross-reference to Section 101.17.11, Item 4 is incorrect. DSA/AC is proposing to correct cross-reference to read Item 5.

In **1104B.5 (Dining, Banquet and Bar Facilities) #8 (Food preparation areas)** cross-references to 1004, 1004.3.2.1 and 1004.3.2.2 are incorrect. DSA/AC is proposing to correct cross-references to read 'Section 1133B.2.2, and aisles in Sections 1133B.6.'

In **1104B.6.3 (Assembly areas)** Current application does not extend to all types of stages in similar areas. DSA/AC is proposing to clarify the requirement for accessibility includes unique areas that may be similar to stages and platforms. Cost Impact would apply to large theaters and auditoriums but there are cost savings by this regulations change and would not be exposed to construction errors where ADA requirements supersede.

In **1105B (Accessibility for Group B Occupancies)** in Exception 2 cross-reference to Section 101.17.11, Item 4 is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1106B.1 (General)** in Exception 2 cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct the cross-reference to read 101.17.1 Item 5.

In **1107B (Factories and Warehouses)** cross-reference to "Section 1103B.1 Exception 2 is incorrect. DSA/AC is proposing to correct cross-reference to read 1103B.1, Exception 3.

In **1108B (Accessibility for Group H Occupancies)** in Exception 2 cross-reference to Section 101.17.11, Item 4 is incorrect. DSA/AC is proposing to correct cross-reference to read Item 5.

In **1114B.1.1 (General)** the cross-reference in "Entrances" to Section 1133B is incorrect. DSA/AC is proposing to correct the cross-reference to read 1133B.1.1. All cross-references to Chapter 11A are incorrect. DSA/AC is proposing to correct all Chapter 11A references to be consistent with HCD amendments in 11A.

In **1115B.2.1 (Accessible water closet)** in Note 1 under item #2 the cross-reference to Chapter 11A is incorrect. DSA/AC is proposing to correct cross-reference to read Section 1134A.7 to be consistent with HCD Chapter 11A.

In **1115B.2.1.1.1** in the 2<sup>nd</sup> line the word 'provide' is spelled incorrectly. DSA/AC is proposing to correct the spelling of the word to read 'provided' in the 2<sup>nd</sup> sentence.

In **1115B.2.1.3.1 (Accessible showers)** the cross-reference to "Water controls ... "opposite" the seat..., the word "opposite" is incorrect. DSA/AC is proposing to correct the word "opposite" to read "adjacent to" to be consistent with 1115B.6.2.4.1.

In **1115B.2.1.3.3** the cross-reference to the 40 inches is incorrect. DSA/AC is proposing to correct cross-reference to be consistent with 1115B.6.2.4.3 and Figures 11B-2A & B to read "48-inches (1219 mm)."

In **1115B.2.1.3.4** the cross-referenced Note is incorrect as one is already in the section for 'showers in living accommodations.' DSA/AC is proposing to delete the cross-referenced note.

In **1115B.2.1.4** the cross-referenced Note is incorrect as we are already in the section for 'accessible bathtubs.' DSA/AC is proposing to delete the cross-referenced note.

In **1115B.2.1.5.3** in the last sentence, the word 'steam' is spelled incorrectly. DSA/AC is proposing to correct the spelling to read "stream" in the last sentence.

In **1115B.2.1.6.1 (Accessible kitchen sinks)** the 3<sup>rd</sup> sentence is incorrect. DSA/AC is proposing to correct the grammar in the 3<sup>rd</sup> sentence to be consistent with 2<sup>nd</sup> sentence of this section and 1112A.3. Sentence grammar is corrected to read "Lever-operated controls shall be no greater than 5 pound force (lbf) (22.2)."

In **1115B.2.1.6.2 (Noncommercial kitchen and counter bar sinks)** the cross-referenced note is incorrect. The cross-reference to 'This diagram' in the 2<sup>nd</sup> paragraph is incorrect. DSA/AC is proposing to delete the cross-referenced note and correct the 2<sup>nd</sup> paragraph to read "Diagram 11B-1D" illustrates the specific requirements of the regulations and is intended only as an aid for building construction. Also, the reference to building and

construction is not consistent with the text in Diagram 11B-1D. DSA/AC is proposing to amend the last paragraph to 'building, design and construction' to be consistent with the text on the Diagram.

In **1115B.5 (Identification Symbols)** the cross-reference to 1117B.5.7 is incorrect. DSA/AC is proposing to correct the cross-reference to read 1117B.5.1 Item 1.

In **Table 1115B-1 (Suggested Dimensions for Children' Use)** the cross-reference to the Division of the State Architect, "Office of Regulations Services" is incorrect. DSA/AC is proposing to correct the reference in Table 1115B to read "The Division of the State Architect, Access Compliance recommends the following dimensions ....".

In **1115B.6.2.4.4 (Floor slope)** In the 1<sup>st</sup> sentence the cross reference to '2 percent per foot' is incorrect. DSA/AC is proposing to delete the words 'per foot' which corrects the cross-reference to read '2 percent' in any direction. In the 2nd sentence the word minimum is incorrect. DSA/AC is proposing to correct the sentence to read "maximum" to be consistent with the definition of 'Level Area' in 11B. The definition of Level Area states: *"Level Area is a specified surface that does not have a slope in any direction exceeding ¼ inch (6.4 mm) in 1 foot (305 mm) from the horizontal (2,083 percent gradient)."*

In **1116B.1.4 (Door size)** the exception is inconsistent with the ADA Section 4.10.9 for elevator cab dimensions and Figure 22 which shows 36" min. door opening. DSA/AC is proposing to repeal the exception in 1116B.1.4.

In **1116B.1.8 (Car inside)** in the last sentence of the 3<sup>rd</sup> paragraph the cross-reference to "Section 1004.3" is incorrect. DSA/AC is proposing to correct the cross-reference to read 1003.3.1.8.

In **1116B.1.9 (Car Controls)** for elevators and special access (wheelchair) lifts does not provide that both characters and symbols are to be raised. DSA/AC is proposing to amend 1116B.1.9 to specify that all elevator car control signs are to have raised characters and symbols that are white on a black background.

**1116B.1.9** is amended to correct a publication error that was made in the July 19, 1989 publication of section 5103(d.1) 4. Car inside (B) CCR Title 24 Regulations. This section was drafted through a collaborative effort of elevator companies: OTIS, Westinghouse, Dover, Montgomery; California Council of the Blind, and Ed Chandler of the Office of the State Architect, which included the third paragraph "The raised characters and symbols shall be white on a black background." This language went through the public hearing process and was adopted by the office of the State Architect. However, it was not until after the publication of the 1994 edition of the California Code of Regulations Title 24 that it was discovered the text "and symbols" had not been included in the 1989 and 1994 editions. What is to be attempted at this time is to correct the text to include "and symbols" so to have consistency and standardization of the color used for raised characters and symbols on elevator car control panels. Also, this would bring the section into conformity with the general practice of the elevator industry to provide tactile signs with raised characters and symbols that are white on a black background. The purpose is to specify that all elevator car control signs are to have raised characters and symbols that are white on a black background. The potential does exist that an elevator car control panel could have raised symbols that are non-white in color, which would provide little or no visual contrast to persons with low vision. Without adequate visual contrast persons with low vision cannot safely operate an elevator, particularly during an emergency when there is a need to push the "emergency stop" and "alarm buttons."

Research such as "Information Systems for Low Vision Persons, Final Report, by the Architectural and Transportation Barriers Compliance Board, November 28, 1996, page 5.11" and the information transfer problems of the partially sighted sponsored by the Rehabilitation Services Administration of the U.S. Department of Health, Education and Welfare (HEW) have found that more than 70 percent of the time low vision individuals prefer to view light symbols on a dark background rather than a dark symbols on a light background. Furthermore, the HEW research found that persons with low vision prefer white characters/symbols on a black background over any other color combination including metallic colors e.g. gold, silver, and brass, etc. The combination of white on black will make symbols for operating controls more highly visible to persons with low vision.

In **1116B.1.10 (Car position indicator and signal)** the title is incorrect. DSA/AC is proposing to amend the title to read 'Hall call buttons'. DSA is also moving the provisions of 1116B.1.13 (Hall buttons) into 1116B.1.10, which is now 'Hall call buttons'. DSA is deleting all of 1116B.1.13 with the exception of sentence 4. The provisions requiring that 'Hall call buttons shall be internally illuminated with a white light over the entire surface of the button.' will remain in tact. In an effort to consolidate accessibility requirements in Chapter 11B DSA moved accessibility language from Chapter 30 to Chapter 11B. We unintentionally moved some model code text into CA amendments into Chapter 11B and this revision corrects that.

In **1116B.1.13 (Hall buttons)** see 1116B.1.10.

In **1116B.1.14, 1116B.1.15 and 1116B.1.16** with the relocation of 1116B.1.13 the numbering would be incorrect. DSA/AC is proposing to renumber 1116B.1.14, 1116B.1.15 and 1116B.1.16 to read 1116B.1.13 (Hall lantern), 1116B.1.14 (Doorjamb marking) and 1116B.1.15 (Location).

In **1116B.2 (Special Access (Wheelchair) Lifts)** in the 2<sup>nd</sup> paragraph the cross-reference to Sections 3093 to 3094 Part 7 of the California Code of Regulations is incomplete. DSA/AC is proposing to amend the cross-reference to include 'Title 24.'

In **1116B.3 (Special Access (Wheelchair) Lifts)** the sections within 1116B.3, 1116.3.1, 3.2 and 3.3 overlap and duplicate each other. DSA/AC is proposing to repeal the confusing text and adopt reformatted provisions to provide clarity regarding platform lift (wheelchair lift) when provided as a component in an accessible means of egress.

In **1117B.1.1 (General)** in paragraph 2 the cross-reference to "Section 1115B.2.1.2" is incorrect. DSA/AC is proposing to correct the cross-reference to read 1115B.2.1.5.

In **1117B.1.2** the word 'walls' is spelled incorrectly. DSA/AC is proposing to correct the spelling of the word to correctly read 'walks.'

In **1117B.2.9.3 (Signage)** cross-reference to "Figure 11B-14" is incorrect. DSA/AC is proposing to correct figure cross-reference to read Figure 11B-14A.

In **1117B.5.1 (International Symbol of Accessibility)**, the title is incorrect. Proposing to correct the title to read '1117B.5.1 General' to clarify that the broad (general) provisions for signs and identification are in 1117B.5.1. To accomplish this 1117B.5.1#1 is moved to 1117B.5.1. The title of #1 will remain (General) as the new title of 1117B.5.1. Text under #1 is also being moved to 1117B.5.1. Deleting the title of 'International Symbol of Accessibility' is necessary because in reality the standards for International Symbol of Accessibility are currently placed in 1117B.5.8.1.

In **1117B.5.1 (NOTE)**, the 'NOTE' is amended to be plural to read as the 1<sup>st</sup> Note (NOTES: 1.). A 2<sup>nd</sup> note is adopted to refer to other signage requirements applicable to elevators. Existing items 2, 3 and 4 are renumbered as items 1. (Identification signs), 2. (Direction and informational signs), and 3. (Accessibility signs).

**1117B.5.1 Item 4** in response to the mandate of Senate Bill 1242, DSA/AC is proposing to adopt a new item #4 regarding plan review and inspection. These new provisions would provide identification, direction, informational and accessibility signs specified in this section, in addition to elevator car control identification in Section 1116B.1.9 and elevator doorjamb marking in Section 1116B.1.15 are not features exempt from permit as cosmetic or finish work. Plans and specifications or other documents indicating compliance with these regulations shall be submitted to the enforcing agency for review and shall receive written approval for new construction or when these features are added, replaced or altered due to renovation, alterations, structural repair or additions to existing buildings and facilities. See 1134B.2.1.

Installations shall be field inspected for compliance with these regulations and approved prior to the issuance of a certificate of occupancy, or in the case where no certificate of occupancy is granted, prior to final inspection. Such inspections shall include, but not be limited to, confirmation that Braille dots and Braille cells are properly spaced and raised characters are properly sized and proportioned. Pre-punched Braille templates, guides, or other tools shall be used.

In **1117B.5.2 (Finish and Contrast)**, is amended to provide clarity that the minimum contrast between dark and light is 70%. DSA/AC is proposing to add 70% minimum contrast between dark and light in the 2<sup>nd</sup> sentence. DSA/AC is proposing to delete the words 'characters' in the 2<sup>nd</sup> sentence for clarity and proper grammar. Section is also amended to include light reflectance value.

In **1117B.5.5 (Raised characters and pictorial symbol signs ...)** **Item #4 (Character placement)** is adopted to include a provision for character placement for Braille signage. This has to do with raised characters. All required signage should have characters in a horizontal format. Braille should be placed directly below the tactile character, flushed left or centered. A minimum of 3/8 inch and a maximum of 1/2 inch between the bottom of tactile and the top of the Braille. When text is multi-lined, put Braille together below all lines of tactile text.

In **1117B.5.6 (Braille)** is amended to present a non-abrasive surface to the finger for reading Braille dots. The current provisions in 1117B.5.6 for Grade 2 Braille tend to produce Braille that is sometimes of inferior quality and less durable. Sharp tapering or pointed dots, though very distinct at first, soon irritate and confuse the touch; the dots should therefore be made dome-shaped or rounded, so as to present a non-abrasive surface to the finger. It is important that dot shape shall be of maximum comfort to the reader. Amending 1117B.5.6 would provide clarity and consistency in the application for Braille dots. To make certain this occurs proposing to amend 1117B.5.6 to include 'Braille dots shall be domed or rounded.'

In **1117B.5.7 (Mounting location and height)** the 1<sup>st</sup> sentence is incorrectly worded, which is causing misunderstanding regarding proper installation and application for Braille signage. 1117B.5.7 is amended to correct the 1<sup>st</sup> sentence to avoid confusion in the application of mounting location for signs by correcting the words 'latch outside of the door' to now read 'latch side, of the door'.

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#### **Related Changes to 1117B.5.1 (1127B.3 and 1133B.1.1.1.1 Exception 2)**

In **1127B.1 (General)** in the Note the cross-reference to Section 101.17.1, Item 4 is incorrect. DSA/AC is proposing to amend to read Item 5.

In **1127B.3 (Signs)** this section is amended to clarify that at every primary public entrance and at every major junction 'where the accessible route of travel diverges from the regular pathway', along or leading to an accessible route of travel, 'entrance, or facility', there would be a sign displaying the International Symbol of Accessibility. Cross-references in the last sentence to Sections 1117B.5 through 1117B.5.9 are incorrect. DSA/AC is proposing to amend cross-references to read Sections '1117B.5.1 Item 2 and 1117B.5.8.1'. The words international symbol of accessibility should begin with a capital letter. DSA/AC is proposing to amend to read International Symbol of Accessibility.

In **1133B.1.1.1.1 (Exception 2)** cross-reference to 1117B.5 is incorrect. DSA/AC is proposing to amend Exception 2 by correcting the cross-reference to read '1117B.5.1 Item 2', for directional and information signs. In Exception 4 the cross-reference to 101.17.11 Item 4 is incorrect. DSA/AC is proposing to amend Exception 4 by correcting the cross-reference to read 'Item 5.'

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In **1117B.5.11.2 (Conditions of use)** item 6 the reference to "material" Safety Data Sheets the word 'material' should begin with a capital letter. DSA is proposing to correct the word material to begin with the capital letter M (Material).

In **1117B.6 (Controls and Operating Mechanisms)** the cross reference to 760-9 is incorrect. DSA/AC is proposing to correct the cross reference to read 760-16.

In **1117B.7.2 (General)** in Exception 3 the cross-reference to 101.17.11 Item 4 is incorrect. DSA/AC is proposing to correct the cross-reference to read 101.17.11 Item 5.

In the Note below **Table 11B-5 (Maximum Reach Depth for Automated Teller Machines)** the cross-reference to Figure 11B-5 D (d) is incorrect. DSA/AC is proposing to correct the cross-reference in the Note to read Figure 11B-5F (d).

In **1118B.1 (Wheelchair Passage Width)** the cross reference to Figure 11B-12 is incorrect. DSA/AC is proposing to correct the cross-reference to read Figure 11B-10.

In **1118B.2 (Width for Wheelchair Passage)** the cross reference to Figure 11B-12 is incorrect. DSA/AC is proposing to correct the cross-reference to read Figure 11B-11.

In **1118B.5 (Forward Reach)** the cross reference to Figure 11B-5C (a) is incorrect. DSA/AC is proposing to correct cross-reference to read Figure 11B-5C (b).

In **1120B.1 (Floors Within Each Story)** in Exception 3 the cross-reference to “Section 101.17.11, Item 4” is incorrect. DSA/AC is proposing to correct the cross-reference to read Item 5.

In **1127B.1 (General)** in the Note the cross-reference to “Section 101.17.11, Item 4” is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1127B.4 (Outside Stairways)** the cross-reference to 1120A.4.3 is incorrect. DSA/AC is proposing to amend the cross-reference to read 1115A and 1133B.4.4.

In **1127B.5 (Curb Ramps)** item 3 (Slope of curb ramps) the reference to ‘except that curb ramps shall comply with Item 5’ in the 2<sup>nd</sup> sentence would be incorrect, as item 5 (Beveled lip) is proposed for repeal. Currently, the state standard for a beveled 1/2" lip at the lower end of each curb ramp (2001 CBC 1127B.5 Item 5) is in conflict with the federal standard (ADAAG 4.7.2) which requires the transition from ramps to gutters or streets be flush and free of abrupt changes. **Figure 11B-21 (Returned Curb Style)** is also amended to delete the reference to beveled lip. The state standard, which requires detectable warnings only when a curb ramp slope is less than 1:15 (2001 CBC 1127B.5 Item 8), differs with the federal standard which requires detectable warnings on curb ramps without reference to slope (ADAAG 4.7.7). DSA/AC is proposing to delete cross-reference in Item 3 and delete Item 5. With the deletion of Item 5 the remaining items are renumbered. Item 8 (Detectable Warnings) is amended to avoid conflict with federal standard.

#### **1127B.5 #8 (Detectable Warnings)**

The Department of Transportation is a designated agency responsible for enforcing the standards and implementing regulations of the ADA’s Title II (State and Local Government Services). The Federal Highway Administration (FHWA) is the enforcement authority for overseeing pedestrian discrimination issues under the Title II implementing regulations

FHWA has expressed concern for projects that receive federal funds and related local projects that receive federal funding assistance. Their concern focuses on the current discrepancies between state and federal design requirements for curb ramps. FHWA has communicated to CALTRANS and to DSA the potential for California to lose federal funding based on these design discrepancies, and has stressed the utmost importance of conforming to the minimum federal standards.

In California, the discrepancies between state and federal curb ramp design requirements are well known. Currently, the state standard for a beveled 1/2" lip at the lower end of each curb ramp (2001 CBC 1127B.5 Item 5) differs from the federal standard (ADAAG 4.7.2), which requires the transition from ramps to gutters or streets be flush and free of abrupt changes. Also, the state standard, which requires detectable warnings only when a curb ramp slope is less than 1:15 (2001 CBC 1127B.5 Item 8), differs with the federal standard, which requires detectable warnings on curb ramps without reference to slope (ADAAG 4.7.7).

The US Access Board has revised the technical criteria for detectable warnings. The revised specifications are also responsive to concerns that had been raised about the impact of the truncated dome surface on wheelchair maneuvering. The Board believes that the revised specifications, which permit wider dome spacing, an in-line grid pattern, and smaller surface coverage at curb ramps (24 inches instead of the full ramp length), will further minimize disruptions or hazards to wheelchair traffic.

The technical criteria for detectable warnings in this proposed code change include revisions that both FHWA and the U.S. Access Board are encouraging over those currently specified. These revisions are considered by the Board to provide substantially equivalent or greater accessibility and usability for the range of pedestrian users as compared to the current provisions in ADAAG. These revised technical specifications are contained in the Draft Guidelines for Accessible Public Rights-of-Way (June 17, 2002) located at <http://www.access-board.gov/rowdraft.htm#1108> with additional FHWA information also located at <http://www.fhwa.dot.gov/environment/bikeped/dwm.htm>.

During discussions at a public meeting of the Division of the State Architect Advisory Board – Universal Design Committee, it appeared that consensus was reached regarding elimination of the ½" beveled lip, as it was acknowledged that the lip is inconsistent with federal standards. However, consensus was not reached regarding the depth of detectable warnings. While some meeting members preferred only 24" in depth (matching the proposed federal guideline), others preferred 36". Some offered a compromise of 24" for high slopes with 36" for low slopes, while others preferred a consistent dimension for all curb ramps. Thus, this lack of consensus primarily centers on the depth of detectable warnings among differing disability groups, for instance, persons who use mobility aids such as wheelchairs and walkers, and those who are blind or have vision impairments. The main argument for a 36" depth relates to research studies that indicate a slightly higher percentage of blind or visually impaired persons were able to detect the 36" warning surface, versus those that were able to detect 24". It appears that the proposed federal guideline of 24" may recognize that studies indicate that a majority of users were able to detect the 24" dimension, and that the 24" offers a compromise, balancing the needs of users of mobility aids with those who are blind or have vision impairments, and that detectable warnings are not the only warning cue to visually impaired pedestrians. Nevertheless, it should be noted that studies do indicate that the increased depth of 36" does become detectable to slightly more pedestrians than 24".

The California Council of the Blind (CCB) is a non-profit tax-exempt organization composed primarily of Californians who are blind or have low vision. The CCB recognizes that the studies do indicate a higher percentage of pedestrians are able to detect the 36" depth, and as such, CCB strongly advocates by resolution, the 36" minimum depth at all detectable warning locations.

Dome spacing and the distance between domes also appears to be at issue, in that the wider distance between domes allows an increased ability for the wheels of wheelchairs and walkers to travel between the domes. This ability is made possible by allowing a square grid (in-line) pattern, and is further enhanced by the increased distance between domes.

In recognizing the lack of consensus regarding detectable warnings at curb ramps, DSA suggests that the issues be presented and decided during rulemaking, a process where the public has the opportunity to comment, not only to DSA directly, but to the Universal Design Committee of the DSA Advisory Board, the DSA Advisory Board, the Building Standards Commission's Accessibility Code Advisory Committee and finally to the Building Standards Commission.

First, DSA begins by proposing a code change for the design of curb ramps which would bring the one particular design element into conformance with the current federal requirement: those transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes (elimination of the ½" beveled lip).

Secondly, the current federal proposed design for detectable warnings now being encouraged by federal enforcing agencies is being proposed only as a starting point. By initially presenting the proposed federal guideline as a proposed CBC code change, DSA is not necessarily advocating any particular design standard, but rather recognizing that there is a significant movement at the federal level that most likely will result in substantial revisions to the design standards for detectable warnings. These revisions, which are the result of a decade of research and numerous studies, may be in some way or another, perceived as an increased benefit to some, and a decreased benefit to others. Not entirely unusual in situations where consensus is lacking.

Nevertheless, if departing from the current CBC design standard, whether California decides to align with the proposed minimum federal guideline, or move forward with design standards that exceed the minimum federal proposal, that decision is a subject for discussion, analysis, and subsequently rests within the rulemaking process.

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**Related changes to 1127B.5 #5 and #8** (Figures for Curb Cut Details-Figures 11B-20A, 20B, 20C and 20D, Figure 11B-21 (Return Curb Style), Figure 11B-23A (Truncated Domes) and 1133B.8.3 (Detectable Warning at Transit Boarding Platforms)).

In Figures for Curb Cut Details 11B-20A, 20B, 20C and 20 D the cross reference to Sec. 1127B.5.10 is incorrect with the re-numbering amendments in this rulemaking in 1127B.5. DSA/AC is amending the re-numbering cross-reference in these Figures to read 1127B.5.9.

In **Figure 11B-21 (Returned Curb Style)** the Beveled Lip ½" Max. Typ. Is deleted to be consistent with the changes in 1127B.5 #5, which deletes the provision for beveled lip.

In **Figure 11B-23A (Truncated Domes)** Figure amended to be consistent with the changes in 1127B.5 #8

- Truncated domes are amended to be aligned in a square grid pattern.
- Base diameter is amended to be 0.9 inches minimum to 1.4 inches maximum.
- Top diameter is amended to 50% minimum of base to 65% maximum of base.
- Domes are amended to have a center-to-center spacing of 1.6 inches minimum to 2.4 inches maximum.
- Base to base spacing is amended to 0.65 inches minimum.

In **1133B.8.3 (Detectable warnings at transit boarding platforms)** the provisions as published would not be consistent with the proposed changes in this rulemaking to 1127B.5 #8. DSA/AC is proposing to amend 1133B.8.3 to be consistent with 1127B.5 #8.

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In **1128B (Pedestrian Grade Separations (Overpasses and Underpasses))** in the Note the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1129B.2 (Less Than Five Spaces)** the parking space width dimension of 14 feet and providing a 5-foot loading and unloading area are incorrect which conflict with section 1129B.4 (Parking Space Size) for van space(s). DSA/AC is proposing to correct 1129B.2 to clarify "when less than five parking spaces are provided at buildings and facilities one shall be 17 feet wide and lined to provide a 9-foot parking area and an 8-foot loading and unloading area."

In **1129B.4 (Parking Space Size)** #1 & #2 cross-reference to 154 mm is incorrect. DSA is proposing to correct the cross-references in #1 and #2 to read 305 mm. In #3 the word 'This' in the last sentence is incorrect. DSA/AC is proposing to correct the word to read 'The' in the last sentence. In #3 in the Note the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

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#### **Related Changes to 1129B.4**

**Figures 11B-18A, B and C** are unclear as to where the words "NO PARKING" are to be placed within the loading and unloading access aisle. DSA/AC is proposing to amend Figures 11B-18A, 18B, and 18C to more clearly identify that at the bottom of the loading and unloading access aisle the words NO PARKING shall be painted on the ground within each loading and unloading access aisle in 12" high letters minimum. Figures are also amended to correct any incorrect inches designation to feet, where appropriate. The dimension of where to begin measuring for the 9' stall width is unclear. Figures are amended to include that the stall dimension is to the centerline of the stripe for other than unloading and loading access aisle striping. Figures are included at the end of the Express Terms.

In **1130B (Parking Structures)** in Exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1133B.1.1.1.1** (see related changes to 1117B.5)

In **1133B.2.3.2 (Automatic doors)** in exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1133B.2.5 (Closer-effort to operate doors)** [Revisions Currently Pending]

In **1133B.3.2 (Corridor and hallways over 200 feet (60 960 mm))** in the 'mm' conversion for 200 feet, a comma is missing. DSA/AC is proposing to correct the 'mm' conversion to read (60,960 mm). In Exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

In **1133B.4.2.6.1** in Exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read Item 5.

In **1133B.4.3 (Tactile stair level identification sign)** the word 'sign' in the title is incorrect. DSA/AC is correcting the word to read 'signage'. The cross-reference to "1117B.1-B" is incorrect. DSA/AC is proposing to correct cross-reference to read 1117B.5 Item 1.

In **1133B.4.5.3 (Open risers are not permitted)** in exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read Item 5.

In **1133B.5.2.2 (Entrance and special occupancy)** incorrect grammar was adopted during the 2001 code adoption cycle. At that time the goal was, to restate that when there is an occupant load of 300 or more and if the ramp is the only exit path, the ramp should be wider to accommodate the increased occupant load and to function as a combined exit path for all occupants, including persons with disabilities. DSA/AC is proposing to correct the grammar in 1133B.5.2.2 by changing the word "or" to "and", which would properly clarify DSA original intent in amending 1133B.5.2.2. Once amended 1133B.5.2.2 will be correctly interpreted to mean that when a ramp is provided in addition to an adjacent or adjoining stairway, a wider ramp is not necessary or required to accommodate all occupants. This proposed amendment would not conflict with the ADA Accessibility Guidelines for Buildings and Facilities (ADAAG) Section 4.8.3 'Clear Width', which provides the minimum clear width of a ramp shall be 36 inches (915 mm) minimum.

In **1133B.5.4.1 (Location of landings)** the cross-reference to "Section 202" is incorrect. DSA/AC is proposing to correct cross-reference to read Section 1102B.

In **1133B.5.4.3 (Encroachment of doors)** the cross-reference to "Section 1133B.5.4.1" is incorrect, which contains absolutely no information at all regarding the encroachment of doors. DSA/AC is proposing to correct cross-reference to read 1003.3.4.4.

In **1133B.5.6.2** the word 'or' in the sentence is misspelled. DSA/AC is proposing to correct the spelling to read 'of' in the sentence.

In **1133B.5.7** cross-reference to "and Section 1003.3.4.6" is incorrect. DSA/AC is proposing to delete the cross-reference.

In **1133B.5.7.3 (Height)** in the Exception to the 2nd paragraph the word "quadrail" is misspelled. DSA/AC is proposing to correct the spelling of the word to read "guardrail".

In **1133B.7.1 (Continuous surface)** the cross-reference to "Section 1133B.7.3" is incorrect. DSA/AC is proposing to correct cross-reference to read 1133B.7.4.

In **1133B.7.1.3 (Surface cross slopes)** the cross-reference to "2.5% gradient" is incorrect. DSA/AC is proposing to correct cross-reference to read 4.16 % gradient.

In **1133B.7.2 (Gratings)** in exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read Item 5.

**1133B.8.3 Detectable Warning at Transit Boarding Platforms.** (see related changes to 1127B.5 #8)

In **1134B.2.1** in the Note under Exception 2.4 the cross-reference to "Section 1103B.1, Exception 2.1" is incorrect. DSA/AC is proposing to correct cross-reference to read Exception 3.



In **1134B.3.1 (Automatic doors)** in Exception 1.2 the cross-reference to 1120A.2.3 is incorrect. DSA/AC is amending to read 1132A.2.1 to be consistent with HCD Chapter 11A. In exception 2 the cross-reference to "Section 101.17.11, Item 4" is incorrect. DSA/AC is proposing to correct cross-reference to read 101.17.11 Item 5.

## FIGURES

In **Figure 11B-1A (Multiple Toilet Stall)** the titles of figures for Single Occupancy Toilet and Multiple Toilet Stall are incorrect. DSA/AC is amending the cross-references to the Figures to read Single Accommodation Occupancy Toilet to be consistent with section 1115B.7.2 and Multiple Accommodation Toilet Stall to be consistent with section 1115B.7.1.

The 60-inch minimum width for multiple toilet stall was left out of figure. DSA/AC is proposing to correct the diagram by including cross-reference for minimum width for multiple toilet stall to 60"- min.

The cross-reference in the Side Elevation figure to 33" is incomplete. DSA/AC is amending the cross-reference to read '33" to center line', and added in this dimension line. The 36" and 42" grab bar cross-references in the Side Elevation are incorrect. DSA/AC is amending the cross-references to read 36" Min and 42" Min.

In **Figure 11B-1B (Multiple Accommodation Toilet)** the 60-inch minimum width for multiple accommodation toilet stall was left out of figure. DSA/AC is proposing to correct the diagram by including cross-reference for minimum width for multiple accommodation toilet stall to 60"- min. The cross-reference to the 24" MIN at grab bar is incorrect. DSA/AC is proposing to correct the cross-reference to read 24-inches.

Figure **11B-1D (Knee Clearance)** the side elevation diagram cross-reference to 34" min. is incorrect. DSA/AC is proposing to correct cross-reference to 34"- max. DSA/AC is also giving the side view a title "Side Elevation." The plan view diagram cross-reference to 19" min. is incorrect. DSA/AC is proposing to correct cross-reference to 19"- max. DSA/AC also added at the 18" min the words "to centerline" , and added in this dimension line.

In **Figure 11B-2A (Roll-in Shower)** for Roll-In Shower—A and Plan Roll-in Shower—C under the 60" dimension lines, 30" dimension lines, and 36" dimension line the word 'Min' is in the wrong place. DSA/AC is proposing to move the word 'Min' to above the dimension line to read '60" Min', 30" Min and 36" Min. The acronym used (CL) is unclear in these figures. DSA/AC is proposing to spell out what (CL) actually means 'Center Line' and changed the dimension lines to indicate 'center line'. The ½" Max. Beveled cross-references are incomplete. DSA/AC is proposing to correct to read '1/2" Beveled Threshold'.

The Elevation At Shower Typical for A-C diagram the cross-reference to 46" max. is incorrect. DSA/AC is proposing to correct cross-reference to 40" max. Reference to the single lever mixing valve control is missing. DSA/AC is proposing to add an arrow indicating where the 'Single Lever Mixing Valve Control' is to be placed.

In **Figure 11B-2B (Roll-in Shower)** in the Perspective of Roll-in Shower—B the height of the control cross-reference to 46" Max. is incorrect. DSA/AC is proposing to correct cross-reference to read: 40" Max. For clarity the words 'folding seat' were moved down to line up with the arrow pointing to the folding seat. The single lever mixing valve control is show but not identified. DSA/AC is proposing to add an arrow and identifying the 'Single Lever Mixing Valve Control'. In the Roll-in Shower—B the wording for the arrow to the threshold of ½" Max. Beveled is incomplete. DSA/AC is proposing to correct the reference to read '½" Beveled Threshold'.

In **Figure 11B-2C (Open Shower)** section diagram reference to 46" max. is incorrect. DSA/AC is proposing to correct reference to 40" max. For clarity DSA/AC added the dimension line for the top of hose mounting bracket. The title of Section diagram is incorrect. DSA/AC is proposing to correct the name of this diagram to read 'Elevation'. In the Plan diagram the cross-reference to title for grab bar dimension of 36" Min. and 24" Min. Length are incorrect. DSA/AC is amending the grab bar title dimension to read 36" Grab Bar and 24" Min. Grab Bar.

In **Figures 11B-14A, 11B-14B, 11B-14C** titles of all figures are incorrect.

DSA/AC is proposing to correct title of each figure as follows:

Figure 11B-14A – International TTY Symbol

Figure 11B-14B – Volume Control Telephones

Figure 11B-14C -- International Symbol of Access For Hearing Loss

In **Figure 11B-18A (Double Parking Stalls)** section diagram reference to 18" and 8" are incorrect. DSA/AC is proposing to correct reference to 18-feet and 8-feet. The placement of painting the words "NO PARKING" within the accessible parking stall is unclear. DSA/AC is proposing to correct the figure to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min. The dimension of where to begin measuring for the 9' stall width is unclear. Figures are amended to include that the stall dimension is to the centerline of the stripe for other than unloading and loading access aisle striping.

In **Figure 11B-18B (Single Parking Stalls)** the placement of painting the words "NO PARKING" within the accessible parking stall is unclear. DSA/AC is proposing to correct to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min. The dimension of where to begin measuring for the 9' stall width is unclear. Figures are amended to include that the stall dimension is to the centerline of the stripe for other than unloading and loading access aisle striping.

In **Figure 11B-18C (Diagonal Parking Stalls)** section diagram reference to 18" is incorrect. DSA/AC is proposing to correct reference to 18-feet. The placement of painting the words "NO PARKING" within the accessible parking stall is unclear. DSA/AC is proposing to correct to more clearly identify, at the bottom within the loading and unloading access aisle paint the words "NO PARKING" in 12" high letters min. The dimension of where to begin measuring for the 9' stall width is unclear. Figures are amended to include that the stall dimension is to the centerline of the stripe for other than unloading and loading access aisle striping.

In **Figures for Curb Cut Details 11B-20A, 20B, 20C and 20 D** the cross reference to Sec. 1127B.5.10 is incorrect with the amendments in this rulemaking in 1127B.5. DSA/AC is amending the cross-reference in these Figures to read 1127B.5.9.

In **Figure 11B-23A (Truncated Domes)** (see related changes to 1127B.5 #8)

In Figures 11B-20A (Curb Detail) Cases A through H the references to 'Section 1127B.5.10' are incorrect. DSA/AC is proposing to correct these cross references to read 'Section 1127B.5.9.

#### **Chapter 11C (Standards for Card Readers at Gasoline Fuel Dispensing Facilities)**

Several cross-references in Chapter 11C are incorrect, as HCD is renumbering 11A regulations. DSA/AC is amending the cross-references to be consistent with the new numbering format of Chapter 11A.

#### **Chapter 30 (Elevators, dumbwaiters, Escalators and Moving Walks)**

Several cross-references in Chapter 11C are incorrect, as HCD is renumbering 11A regulations. DSA/AC is amending the cross-references to be consistent with the new numbering format of Chapter 11A.

### **PART 3**

Existing Exceptions to 406.3(G) are missing. During the 2002 Code Adoption Cycle section 210.7(g) was renumbered and relocated to 406.3(G). During the renumbering and relocating Exceptions 1—5 were unintentionally left in the old section 210.7(g). This proposed change is to be made to DSA/AC's adoption of the 2002 National Electrical Code and will not take effect until the effective date of the 2004 Title 24 triennial edition. DSA/AC is proposing to purposely relocate Exceptions 1—5 to the correct location, which is 406.3(G).

### **TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:**

DSA/AC is relying on the 2001 Edition of the California Building Code, based on the 1997 Uniform Building Code (UBC).

#### **1116B.1.9 Car controls**

Petitioner states the following in the rational submitted requesting amendment of 1116B.1.9

1. Research such as "Information Systems for Low Vision Persons, Final Report, by the Architectural and Transportation Barriers Compliance Board, November 28, 1996, page 5.11
2. Personal correspondence from Samuel M. Genensky, Ph.D., for Executive Director, the Center for the Partially Sighted.

### **CONSIDERATION OF REASONABLE ALTERNATIVES**

The DSA/AC has determined that there are no other reasonable alternatives considered that would be more appropriate in carrying out the purpose for which these administrative, building, and electrical requirements for accessibility are proposed or would be effective and less burdensome to affected private persons than the proposed regulations.

### **REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.**

No alternatives were identified to lessen the adverse impact on small businesses.

### **FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE ECONOMIC IMPACT ON BUSINESS.**

No facts, evidence, documents, testimony, or other evidence of no significant adverse economic impact on business have been identified however, the adoption of more current accessibility requirements is necessary to preserve the health and welfare of the citizens of California. These regulations are intended to provide administrative, building and electrical requirements for accessibility.

### **DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS**

DSA/AC is within the State and Consumer Services Agency, Department of General Services. DSA/AC is only aware of the following existing Federal provisions"

Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities,  
as published in the Federal Register July 26, 1991.

Federal Americans with Disabilities Act (ADA) of 1990 and the Federal Fair Housing Amendments Act  
of 1988 are the only Federal provisions DSA/AC is aware of which apply to these proposed code changes.

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**EXPRESS TERMS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
DIVISION OF THE STATE ARCHITECT  
OFFICE OF UNIVERSAL DESIGN – ACCESS COMPLIANCE**

**REGARDING THE CALIFORNIA PLUMBING CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5**

**ADOPTION OF THE 2003 EDITION OF THE  
UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS**

(The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific. (PART 1 – ADMINISTRATIVE CODE)

**LEGEND FOR EXPRESS TERMS**

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

**EXPRESS TERMS**

**Part 5  
Chapter 1 – Administration**

**101.0 Title, Scope and General**

**101.1 Title**

**101.1.1 [For DSA/AC]** *This document shall be known as the “California Plumbing Code.” The provisions contained in the California Plumbing Code of the (compiled) California Building Standards Code as defined in Section 18910, Health and Safety Code, may be cited as such and are referred to hereafter as “these regulations,” “these plumbing standards” or “this code.”*

**101.2 Purpose**

**101.2.2 [For DSA/AC] California Purpose.** *To provide minimum standards to safeguard life or limb, health, property and public welfare, and protect against hazards that may arise from the use of plumbing piping and systems by regulating and controlling the design, construction, installation, quality of materials, location and operation of plumbing piping systems within the state of California.*

**101.4 Scope**

**101.4.0 [For DSA/AC] Application.** *The provisions of this code shall apply to the construction, alteration, moving, demolition, repair and use of all plumbing, gas, or drainage piping and systems or water heating or treating equipment in or on any building or structure or outdoors on any premises or property.*

**101.4.1.1.3.1 [For DSA/AC]** *Effective January 1, 1990, in new construction and those existing facilities which occupancy type are listed in Tables 4-1 and 4-4 for public use, which apply for permit to undertake construction, structural alterations, repairs or improvement which exceed 50 percent of the square footage of the entire facility, shall install water closets, urinals, lavatories and drinking fountains as stipulated in Tables 4-1 and 4-4 for public use. Community and/or municipal parks with a bleacher capacity not exceeding 500 seats shall be exempt from the requirements of this section and Tables 4-1 and 4-4.*

**Note:** *Each bathroom shall comply with Part 2, Chapters 11A and 11B of the California Building Code.*

**101.4.1.4.2 [For DSA/AC] Conflicts Between Codes.** *When the requirements of this code conflict with the*

requirements of the California Mechanical Code, Title 24, Part 4, the California Mechanical Code shall prevail.

**101.4.4 [For DSA/AC] Effective Date.** One hundred and eighty days after the date of publication, or as otherwise noted herein.

**101.4.4.1 [For DSA/AC]** The applicable subsection of Health and Safety Code Section 18938 is repeated here for clarity and reads as follows:

**Section 18938. (b)** The building standards contained in the Uniform Fire Code of the International Conference of Building Officials and the Western Fire Chiefs Association, Inc, the Uniform Building Code of the International Conference of Building Officials, Appendix Chapter 1 of the Uniform Code for Building Conservation of the International Conference of Building Officials, the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials, the National Electrical Code of the National Fire Protection Association, the Uniform Mechanical Code of the International Conference of Building Officials and the International Association of Plumbing and Mechanical Officials, as referenced in the California Building Standards Code, shall apply to all occupancies throughout the state and shall become effective 180 days after publication in the California Building Standards Code by the California Building Standards Commission, or at a later date after publication established by the commission.

**101.4.4.2 [For DSA/AC]** The provisions of the model code which are adopted in this code are applicable to all occupancy groups and uses regulated by this code. The amendments to the model code are applicable only to those occupancies or uses which the state agency adopting the amendments is authorized to regulate as listed in Section 101.11

**101.6 [For DSA/AC] Nonbuilding Regulations** Requirements contained in the U.P.C., or in any other referenced standard, code, or document, which are not building standards as defined in Section 18909, Health and Safety Code, shall not be construed as part of the provisions of this code.

**101.7 [For DSA/AC] Order of Precedence** Where, in any specific cases, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern. When there is a conflict between a general and a specific requirement, the specific requirements shall apply.

**101.8 [For DSA/AC] Format** This part fundamentally adopts the U.P.C. by reference on a chapter-by-chapter basis. Such adoption is reflected in the adoption tables of each chapter of this part. When the adoption table of a chapter of this part makes no reference to a specific chapter of the U.P.C. such chapter of the U.P.C. is not adopted as a portion of this code.

**101.9 [For DSA/AC] Validity** If any chapter, section, subsection, sentence, clause or phrase of this code is for any reason held to be unconstitutional, contrary to statute, exceeding the authority of the State as stipulated by statutes, or otherwise inoperative, such decision shall not affect the validity of the remaining portion of this code.

## **101.10 [For DSA/AC] Standard Reference Documents**

**101.10.1 [For DSA/AC]** *The codes, standards and publications, adopted and set forth in this code, including other codes, standards and publications referred to therein are, by title and date of publication, hereby adopted as standard reference documents of this code.*

**101.10.2 [For DSA/AC]** *When this code does not specifically cover any subject relating to building design and construction, recognized fire-prevention engineering practices shall be employed. The National Fire Codes and the Fire Protection Handbook of the National Fire Protection Association may be used as authoritative guides in determining recognized fire-prevention engineering practices.*

**101.11 Application-Vesting Authority** *When adopted by a state agency, the provisions of these regulations shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the state legislature.*

*Following is a list of the state agencies that adopt building standards, specific scope of application of the agency responsible for enforcement, and the specific authority of each agency to adopt and enforce such provisions of building standards of this code, unless otherwise stated.*

### **101.11.9 [For DSA/AC]**

#### **DSA/AC -- Division of the State Architect; Access Compliance.**

**General** - *To assure that barrier-free design is incorporated in all buildings, facilities, site work and other improvements to which this code applies in compliance with state law to assure that these improvements are accessible to and usable by persons with disabilities.*

*Additions, alterations and structural repairs in all buildings and facilities shall comply with these provisions for new buildings, except as otherwise provided and specified herein.*

*The provisions of these regulations shall apply to any portable buildings leased or owned by a school district, and shall also apply to temporary and emergency buildings and facilities.*

*In addition, to incorporate standards at least as restrictive as those required by the federal government for barrier-free design under:*

- 1. Title III (Public Accommodations and Commercial Facilities), Subpart D (New Construction and Alteration) and Appendix A (Americans with Disabilities Act Accessibility Guidelines) (see 28 C.F.R., Part 36), and*
- 2. Title II (Public Entities), Section 35.151 (New Construction and Alterations) (see 28 C.F.R., Part 35) both from the Americans with Disabilities Act of 1990, and*
- 3. Under the Fair Housing Amendments of 1988. Some of these regulations may be more stringent than state law in order to meet the federal requirement.*

The following applications apply:

**A. Application.** Publicly funded buildings, structures, sidewalks, curbs and related facilities shall be accessible to persons with disabilities as follows:

**NOTE:** See Government Code commencing with Section 4450.

- (1) All buildings, structures, sidewalks, curbs and related facilities constructed by the use of state, county or municipal funds, or the funds of any political subdivision of the state.
- (2) All buildings, structures and facilities that are leased, rented, contracted, sublet or hired by any municipal, county, or state division of government, or by a special district.
- (3) All publicly funded living accommodations.
- (4) All publicly funded buildings used for congregate residences or for one- or two-family dwelling unit purposes shall conform to the provisions applicable to living accommodations.
- (5) All existing publicly funded buildings and facilities when alterations, structural repairs or additions are made to such buildings or facilities. For detailed requirements on existing buildings, see Chapter 11B, Division IV.
- (6) With respect to buildings, structures, sidewalks, curbs and related facilities not requiring a building permit, building standards published in the California Building Standards Code relating to access for persons with disabilities and other regulations adopted pursuant to Government Code Section 4450, and in effect at the time construction is commenced, shall be applicable.

**B. Application.** All privately funded public accommodations, as defined, and commercial facilities, as defined, shall be accessible to persons with physical disabilities as follows:

**NOTE:** See Health and Safety Code commencing with Section 19952.

**EXCEPTION:** Certain types of privately funded multistory buildings do not require installation of an elevator to provide access above and below the first floor. See Title 24, Part 2.

**NOTE:** Exceptions for multistoried buildings formerly located in this section have been moved to Title 24, Part 2.

- (1) Any building, structure, facility, complex, or improved area, or portions thereof, which are used by the general public.
- (2) Any sanitary facilities which are made available for the public, clients or employees in such accommodations or facilities.
- (3) Any curb or sidewalk intended for public use that is constructed in this state with private funds.
- (4) All existing privately funded public accommodations when alterations, structural repairs or additions are made to such public accommodations as set forth under Chapter 11B.

**C. Enforcing Agency.**

- (1) The director of General Services where state funds are utilized for any project or where funds of counties, municipalities or other political subdivisions are utilized for the construction of elementary, secondary or community college projects.
- (2) The governing bodies where funds of counties, municipalities or other political subdivisions are utilized except as otherwise provided above.

(3) The building department of every city, county, or city and county within the territorial area of its city, county, or city and county, where private funds are utilized, "building department" means the department, bureau or officer charged with the enforcement of laws or ordinances regulating the erection or construction, or both the erection and construction, of buildings.

**D. Special Conditions for Persons with Disabilities Requiring Appeals Action Ratification.**

Whenever reference is made in these regulations to this section, the findings and determinations required to be rendered by the local enforcing agency shall be subject to ratification through an appeal process.

Authority Cited-Gov. Code §4450.

Reference-Gov. Code §4450 through 4460, 12955.1 and H&SC §18949.1, 19952 through 19959.

## **Chapter 2 – Definitions**

**203.0**

**-A-**

~~Accessability~~ **Accessibility [For DSA/AC]** – The combination of various elements in a building or area which allow access, circulation and full use of the building and facilities by ~~the handicapped~~ persons with disabilities.

**214.0**

**-L-**

**Lavatory [For DSA/AC]** – A plumbing fixture used for washing the hands, arms, face and head.

**221.0**

**-S-**

**Specialty Event Centers [For DSA/AC]** – An open arena used for rallies, concerts, exhibits, etc., with no permanent structure for purpose of assembly.

**222.0**

**-T-**

**Toilet [For DSA/AC]** – A fixture within a toilet room which may be used for defecation or urination.

**Toilet Room [For DSA/AC]** -- A room within or on the premises containing water closets, urinals and other required facilities.

**223.0**

**-U-**

**U.P.C. [For DSA/AC]** – The latest edition of the Uniform Plumbing Code, published by the International Association of Plumbing and Mechanical Officials.

**225.0**

**-W-**

**Water Closet [For DSA/AC]** – A plumbing fixture (which may be used for both defecation or urination) in which the waste matter is removed by flushing with water.

## **Chapter 3 – General Regulations**

~~[For DSA/AC] Adopt entire UPC chapter without amendments~~

## **Chapter 4– Plumbing Fixtures and Fixture Fittings**

### **412.0 Floor Drains and Shower Stalls**

**Note: [For DSA/AC]** See Part 2, Chapters 11A and 11B for shower compartment size for accommodation of persons with disabilities.



**TABLE 4-1**  
**MINIMUM PLUMBING FACILITIES**

Each building shall be provided with sanitary facilities, including provisions for the physically handicapped **[For DSA/AC] persons with disabilities** as prescribed by the Department having jurisdiction. For requirements for the handicapped **[For DSA/AC] persons with disabilities**, ANSI A117.1-1992, **[For DSA/AC] ICC ANSI A117.1**, Accessible and Usable Buildings and Facilities, **[For DSA/AC] CCR (Title 24, Part 2) Chapters 11A and 11B**, may be used.

**Note:** ANSI A11.1-1992 is not adopted by the State of California. For HCD 1/AC requirements refer to the California Code of Regulations, Title 24, Part 2, Chapter 11A, California Building Code.

**Note:** **[For DSA/AC]** With all clarifying notes that ANSI is not adopted and that for DSA/AC to carry out its statutory responsibilities, DSA/AC's application of California Plumbing Code Tables 4-1 through 4-4 are limited to those application stated in Section 101.11.9 of this code.

**EXCEPTION 1** [For HCD 2 & HCD 1/AC] Each building shall be provided with sanitary facilities, including provisions for persons with disabilities as prescribed by the Department. Covered multi-family dwellings required to be accessible to persons with disabilities shall comply with California Code of Regulations, Title 24, Part 2, Chapter 11A. Permanent buildings in mobile home parks and special occupancy parks required to be accessible by persons with disabilities, shall comply with California Code of Regulations, Title 24, Part 2, Chapter 11B.

**EXCEPTION 2** [For HCD 1] Minimum Plumbing Facilities; Limited Density Owner-built Rural Dwellings. For limited density owner-built rural dwellings sanitary facilities, the type design and number of facilities as required and approved by the local health official shall be provided to the dwelling sites. It shall not be required that such facilities be located within the dwelling.

The total occupant load shall be determined by minimum exiting requirements. The minimum number of fixtures shall be calculated at fifty (50) percent male and fifty (50) percent female based on the total occupant load.

Type of Building or Occupancy <sup>2</sup>	Water Closets <sup>14</sup> (Fixtures per Person)	Urinals <sup>5,10</sup> (Fixtures per Person)	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person)	Drinking Fountain <sup>3,13</sup> (Fixtures per Person)
Assembly Places – Theatres, Auditoriums	Male 1: 1-15 Female <sup>4</sup> 1: 1-15	Male 0:1-9	Male 1 per 40 Female 1 per 40		
Convention Halls, etc. - for permanent employee use	2: 16-35 3: 36-55 4: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1:10-50 Add one fixture for each additional 50 males.			
Assembly Places – Theaters, Auditoriums,	Male 1:1-100 Female <sup>14</sup> 3:1-50	Male 1:1-100	Male 1:1-200 Female 1:1-200		1: 1 – 150
Convention Halls, etc – for public use	2:101-200 3:201-400 4:51-100 8:101-200 11:201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 125 females	2:101-200 3:201-400 4:401-600 Over 600 add 1 fixture for each additional 300 males	2:201-400 3:401-750 2:201-400 3:401-750 Over 750, add one fixture for each additional 500 persons		2: 151-400 3: 401-750 Over 750, add one fixture for each additional 500 persons
Dormitories <sup>9</sup> School or Labor	Male 1 per 10 Female 1 per 8	Male 1 per 25	Male 1 per 12 Female 1 per 12	1 per 8 For females, add	1 per 150 <sup>12</sup>
	Add 1 fixture for each additional 25 males (over 10) and 1 for each additional 20 females (over 8)	Over 150, add 1 fixture for each additional 50 males.	Over 12 add one fixture for each additional 20 males and 1 for each 15 additional females	1 bathtub per 30. Over 150, add 1 per 20	
Dormitories – for staff use	Male 1:1-15 Female 1:1-15	Male 1 per 50	Male 1 per 40 Female 1 per 40	1 per 8	
Dwellings <sup>4</sup> – Single Dwelling	2:16-35 3:36-55 4:36-55 Over 55, add 1 fixture for each additional 40 persons 1 per dwelling		1 per dwelling	1 per dwelling	

Type of Building or Occupancy <sup>2</sup>	Water Closets <sup>14</sup> (Fixtures per Person)		Urinals <sup>5,10</sup> (Fixtures per Person)	Lavatories (Fixtures per Person)		Bathtubs or Showers (Fixtures per Person)	Drinking Fountain <sup>3,13</sup> (Fixtures per Person)
multiple Dwelling or Apartment House	1 per dwelling or apartment unit			1 per dwelling or apartment unit		1 per dwelling or apartment unit	
Hospital Waiting rooms	1 per room			1 per room			1 per 150 <sup>12</sup>
Hospitals- for employee use	Male 1::15	Female 1:1-15	Male 0:1-9	Male 1 per 40	Female 1 per 40		
Hospitals Individual Room	2:16-35 3:36-55 Over 55, add 1 fixture for each additional 40 persons	3:16-35 4:36-55	1:10-50 Add one fixture for each additional 50 males				
Ward Room	1 per room			1 per room		1 per room	
	1 per 8 patients			1 per 10 patients		1 per 20 patients	1 per 150 <sup>12</sup>
Industrial <sup>6</sup> Warehouses Workshops, Foundries and similar establishments -for employee use	Male 1:1-10 2:11-25 3:26-50 4:51-75 5:76-100 Over 100, add 1 fixture for each additional 30 persons	Female 1:1-10 2:11-25 3:26-50 4:51-75 5:76-100		Up to 100, 1 per 10 persons  Over, 100, 1 per 15 persons <sup>7,8</sup>		1 shower for each 15 persons exposed to excessive heat or to skin contamination with poisonous, infectious, or irritating material	1 per 150 <sup>12</sup>
Institutional - Other than Hospitals or Penal Institutions (on each occupied floor)	Male 1 per 25	Female <sup>4</sup> 1 per 20	Male 0:1-9 1:10-50 Add one fixture for each additional 50 males	Male 1 per 10	Female 1 per 10	1 per 8	1 per 150 <sup>12</sup>
Institutional - Other than Hospitals or Penal Institutions (on each occupied floor) - For employee use	Male 1:1-15 2:16-35 3:36-55 Over 55, add 1 fixture for each additional 40 persons	Female <sup>14</sup> 1:1-15 3:16-35 4:36-55	Male 0:1-9 1:10-50 Add one fixture for each additional 50 males	Male 1 per 40	Female 1 per 40	1 per 8	1 per 150 <sup>12</sup>
Office or Public Buildings	Male 1:1-100 2:101-200 3:201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 150 females	Female <sup>14</sup> 3:1-50 4:51-100 8:101-200 11:201-400	Male 1:1-100 2:101-200 3:201-400 4:401-600 Over 600 add 1 fixture for each additional 300 males	Male 1:1-200 2:201-400 3:401-750 Over 750, add one fixture for each additional 500 persons	Female 1:1-200 2:201-400 3:401-750		1 per 150 <sup>12</sup>
Office or Public Buildings - for employee use	Male 1:1-15 2:16-35 3:36-55 Over 55, add 1 fixture for each additional 40 persons	Female 1:1-15 3:16-35 4:36-55	Male 0:1-9 1:10-50 Add one fixture for each additional 50 males	Male 1 per 40	Female 1 per 40		
Penal Institutions For employee use	Male 1:1-15 2:16-35 3:36-55 Over 55, add 1 fixture for each additional 40 persons	Female 1:1-15 3:16-35 4:36-55	Male 0:1-9 1:10-50 Add one fixture for each additional 50 males	Male 1 per 40	Female 1 per 40		1 per 150 <sup>12</sup>
Penal Institutions For prison use Cell Exercise Room Exercise Area	1 per cell 1 per exercise room 1 per 20		Male 1 per exercise room	1 per cell 1 per exercise room 1 per 20		1 per 16	1 per cell block floor 1 per exercise room Access to drinking fountain
Agriculture Buildings Milking Barns Meat and Poultry Inspections Bldgs	At least 1 Male 1:1-15 2:16-35 3:36-55 4:56-80 1 for each additional 30 persons in excess of 80	Female 1:1-15 2:16-35 3:36-55 4:56-80		At least 1			

Type of Building or Occupancy <sup>2</sup>	Water Closets <sup>14</sup> (Fixtures per Person)	Urinals <sup>5,10</sup> (Fixtures per Person)	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person)	Drinking Fountain <sup>3,13</sup> (Fixtures per Person)
Schools of Cosmetology	Male      Female *At least 1    *At least 2 ----- *Per installation		At Least 1		
Cosmetological Establishments	* At least 1    At least 1 *Per installation				
Health Facilities and Clinics Waiting Room For Patient Use <sup>12</sup>  For Employee Use  Including Locker Room	Male      Female  1 per room      1 per 6 patients  1:1-15      1:1-15 2:16-35      2:16-35 3:36-55      3:36-55 Over 55 add 1 fixture for each additional 40 persons	1 per 50	Males      Females  1 per 8 patients  1 per 40      1 per 40	1 per 12 patients	1 per 75 <sup>12</sup>  1 per nursing unit
Board of Corrections Juvenile Halls	1 per 6		1 per 6	1 per 6	Access to drinking fountain
Camp	1 per 10		1 per 10	1 per 7	Access to drinking fountain
Board of Corrections Local Detention Facilities Locked Sleeping Rooms <sup>11</sup>	1 per 8  1		1 per 8  1	1 per 20	
Restaurants, Pubs and Lounges <sup>11</sup>	Male      Female 1:1-50      1:1-50 2:51-150      2: 51-150 3:151-300      4: 151-300 Over 300 add 1 fixture for each additional 200 persons	Male 1: 1-150 Over 150, add 1 fixture for each additional 150 males	Male      Female 1:1-150      1:1-150 2:151-200      2: 151-200 3:201-400      3: 201-400 Over 400 add 1 fixture for each additional 400 persons		
Schools – for staff use All schools	Male      Female 1:1-15      1:1-15 2:16-35      2:16-35 3:36-55      3:36-55 Over 55 add 1 fixture for each additional 40 persons	Male 1 per 50	Male      Female 1 per 40      1 per 40		
Schools – for student use Nursery	Male      Female 1:1-20      1:1-20 2:21-50      2:21-50 Over 50, add 1 fixture for each additional 50 persons		Male      Female 1:1-25      1:1-25 2:26-50      2: 26-50 Over 50, add 1 fixture for each additional 50 persons		1 per 150 <sup>12</sup>
Elementary	Male      Female 1 per 30      1 per 25	Male 1 per 75	Male      Female 1 per 35      1 per 35		1 per 150 <sup>12</sup>
Secondary	Male      Female 1 per 40      1 per 30	Male 1 per 35	Male      Female 1 per 40      1 per 40		1 per 150 <sup>12</sup>
Others (Colleges, Universities, Adult Centers, etc.)	Male      Female 1 per 40      1 per 30	Male 1 per 35	Male      Female 1 per 40      1 per 40		1 per 150 <sup>12</sup>
Worship Places Educational and Activities Unit	Male      Female 1 per 150      1 per 75	Male 1 per 150	1 per 2 water closets		1 per 150 <sup>12</sup>
Worship Places Principal Assembly Place	Male      Female 1 per 150      1 per 75	Male 1 per 150	1 per 2 water closets		1 per 150 <sup>12</sup>

- The figures shown are based upon one (1) fixture being the minimum required for the number of persons indicated or any fraction thereof.
- Building categories not shown on this table shall be considered separately by the Administrative Authority **[For DSA/AC] authority having jurisdiction.**
- Drinking fountains shall not be installed in toilet rooms.
- Laundry trays. One (1) laundry tray or one (1) automatic washer standpipe for each dwelling unit or one (1) laundry tray or one (1) automatic washer standpipe, or combination thereof, for each twelve (12) apartments. Kitchen sinks, one (1) for each dwelling or apartment unit.
- For each urinal added in excess of the minimum required, one water closet may be deducted. The number of water closets shall not be reduced to less than two-thirds (2/3) of the minimum requirement.

6. As required by ANSI Z4.1-1986 [For DSA/AC] 1968, Sanitation in Places of Employment.
7. Where there is exposure to skin contamination with poisonous, infectious, or irritating materials, provide one (1) lavatory for each five (5) persons.
8. Twenty-four (24) lineal inches (610 mm) wash sink or eighteen (18) inches (457 mm) of a circular basin, when provided with water outlets for such space, shall be considered equivalent to one (1) lavatory.
9. Laundry trays, one (1) for each fifty (50) persons. Service sinks, one (1) for each hundred (100) persons.
10. General. In applying this schedule of facilities, consideration shall be given to the accessibility of the fixtures. Conformity purely on a numerical basis may not result in an installation suited to the need of the individual establishment. For example, schools should be provided with toilet facilities on each floor having classrooms.
  - a. Surrounding materials, wall and floor space to appoint two (2) feet (610 mm) in front of urinal lip and four (4) feet (1219 mm) above the floor, and at least two (2) feet (610 mm) to each side of the urinal shall be lined with non-absorbent materials.
  - b. Trough urinals shall be prohibited.
11. A restaurant is defined as a business which sells food to be consumed on the premises.
  - a. The number of occupants for a drive-in restaurant shall be considered as equal to the number of parking stalls..
  - b. Employee toilet facilities shall not be included in the above restaurant requirements. Hand washing facilities shall be available in the kitchen for employees.
12. Where food is consumed indoors, water stations may be substituted for drinking fountains. Offices, or public buildings for use by more than six (6) persons shall have one (1) drinking fountain for the first one hundred fifty (150) persons and one (1) additional fountain for each three hundred (300) persons thereafter.
13. There shall be a minimum of one (1) drinking fountain per occupied floor in schools, theatres, auditoriums, dormitories, offices or public buildings.
14. The total number of water closets for females shall be at least equal to the total number of water closets and urinals required for males.
- ~~15.~~
- 15. Fixtures need not be located within the locked room provided a communication system or procedure is in effect to give the minor immediate access to a lavatory, toilet and drinking fountain.*
- 16. Fixtures serving individual patient rooms shall not be considered as meeting the required rates for bedrooms not served by individual adjoining toilets or bathrooms.*

**TABLE 4-2**

**Note:** [For DSA/AC] With all clarifying notes that ANSI is not adopted and that for DSA/AC to carry out its statutory responsibilities, DSA/AC's application of California Plumbing Code Tables 4-1 through 4-4 are limited to those application stated in Section 101.11.9 of this code.

Space	Lavatories <sup>2</sup>	Scrub Sinks <sup>2</sup>	Toilets	Tubs or Showers <sup>3</sup>	Service Sinks <sup>4</sup>	Clinic Sinks <sup>4</sup>
Doctors' Dressing, General	1 <sup>5</sup>		1			
Nurses' Dressing, General	1 <sup>5</sup>		1			
Surgery and Delivery Suite						
Doctors' dressing	1 <sup>5</sup>	2 <sup>6</sup>	1	1 Shower	1	
Nurses' dressing	1 <sup>5</sup>		1	1 Shower		
Clean-up rooms	1					
Emergency Surgery, Cystoscopy and Special Procedure Room		1 Each <sup>7</sup>			1	
Anesthesia Workroom	1					
Exam/Treatment Rooms	1					
Kitchen and Food Service Areas	1				1	
Labor Rooms	1		1 <sup>17</sup>	1 <sup>17</sup>		
Laundry, Soiled Sorting	1					
Morgue	1				1	
Negative-pressure Isolation Rooms <sup>10</sup>	2 <sup>10</sup>		1 <sup>10</sup>	1 <sup>10</sup>		
Nurses' Stations <sup>9</sup>	1					
Physical Therapy	1					
Positive-pressure Isolation Rooms <sup>10</sup>	2 <sup>10</sup>		1 <sup>10</sup>	1 <sup>10</sup>		
Postanesthesia Recovery	1					1
Radiographic Suites	1		1 <sup>11</sup>			
Utility Room, Clean <sup>9</sup>	1					
Utility Room, Soiled <sup>9</sup>	1					1 <sup>12</sup>
Nursery Exam/Workrooms	1					
Nurseries; Well Newborn	1:6 Bassinets					
Intensive Care	1:4 Bassinets					
Intermediate Care	1:4 Bassinets					
Intensive Care Units <sup>13</sup>	1:6 Beds		1 <sup>14</sup>			1
Coronary Care Unit	1:1 Patient Room		1 <sup>14</sup>			1
Dialysis Units	1:8 Stations		1 <sup>14</sup>		1	1
Central Supply and Sterilization	1 <sup>8</sup>				1	
Laboratories	1 <sup>8</sup>				1	
Medicine Rooms <sup>9, 16</sup>	1 <sup>8</sup>					
Nursing Unit				1 <sup>15</sup>	1	
Occupational Therapy	1 <sup>8</sup>					
Patient Pantries	1 <sup>5</sup>					
Pharmacy	1 <sup>8</sup>					

1. *Separate toilet facilities shall be provided for the use of patients, staff personnel and visitors.*
2. *Fixtures shall be equipped without aerators. The water discharge point shall be 127 millimeters (5 inches) above fixture rim and be equipped with hot-and cold-water supplies not requiring direct contact of the hands for operation (wrist or elbow blades are not acceptable). Sensor operated fixtures may be used, provided they are either battery operated or connected to the critical branch of the essential electrical system.*
3. *Each department shall be served by a service closet equipped with a service sink. Departments may share service closets provided the departmental services are compatible. The fixtures listed cannot be shared.*
4. *Clinic sinks shall be rim flushing with integral 3-inch (76 mm) trap in which the upper portion of a visible trap seal provides a water surface, and shall be equipped with flushometer valve and hot-and cold-water supplies.*

**Exception:** *Clinic sinks are not required for chemical dependency recovery hospitals.*

5. *Conventional spouts and controls on hot-and cold-water supplies are acceptable. Aerators are not permitted.*
6.
  - a. *A minimum of two scrub sinks shall be provided in a surgical unit containing one operating room. Four scrub sinks shall be provided in surgical units containing two operating rooms. One additional scrub sink shall be provided per each additional operating room.*
  - b. *A minimum of two scrub sinks shall be provided in a delivery unit containing one delivery room. One additional scrub sink shall be provided for each additional delivery room.*
7. *The scrub sink is in addition to the required number for surgeries.*
8. *Conventional controls on hot-and cold-water supplies are acceptable. The water discharge points shall be 127 millimeters (5 inches) above the fixture rims and equipped without aerators.*
9. *Includes rooms or areas within coronary-and intensive-care units and postanesthesia recovery rooms.*
10. *The following fixtures shall be provided in isolation rooms of hospitals only:*
  - a. *Within an adjoining toilet room, a lavatory, a shower containing a seat or a space for a shower chair, and water closet equipped with bedpan flushing attachment with a vacuum breaker.*
  - b. *A sink equipped per Note 2 within a separate anteroom.*

**Exception:** *Chemical dependency recovery hospitals.*

11. *A toilet room with lavatory shall adjoin each fluoroscopy room.*
12. *The clinic sink may be deleted if all bedrooms in the nursing unit are provided with adjoining toilets with bedpan flushing devices.*

**Exception:** *Chemical dependency recovery hospitals are not required to provide bedpan flushing devices.*

13. *Includes burn treatment and respiratory-care units.*
14. *The water closet must be quipped for both staff and patient use if only one water closet is provided.*
15. *Minimum of one tub room per floor on nursing units providing skilled nursing or intermediate care services.*
16. *If a separate medicine room is provided, then room shall be equipped with a sink in addition to the nurses' station sink. Hot-water supplies are optional.*
17. *One toilet with lavatory and one shower may serve more than one labor room.*
18. *Chemical dependency recovery hospitals are only required to provide lavatories equipped per Note 2 for exam rooms and kitchens. All other fixtures may be equipped per Note 5.*
19. *The following fixtures shall be provided in isolation rooms of correctional treatment centers only:*
  - a. *Within an adjoining toilet area, a lavatory, a shower containing a seat or a space for a shower chair, and water closet equipped with bedpan flushing attachment with a vacuum breaker.*
  - b. *A sink equipped per Note 2 within a separate anteroom.*

**TABLE 4-3**

**Note:** [For DSA/AC] With all clarifying notes that ANSI is not adopted and that for DSA/AC to carry out its statutory responsibilities, DSA/AC's application of California Plumbing Code Tables 4-1 through 4-4 are limited to those application stated in Section 101.11.9 of this code.

Type of Building or Occupancy <sup>2</sup>	Water Closets (Fixtures per Person)		Urinals (Trough urinal to individual urinal equivalence) Male	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person) <sup>7</sup>	Drinking Fountains (Fixtures per Person) <sup>3</sup>
	Male	Female				
Nonindustrial-office buildings, public buildings and similar establishments	1 1-15 2 16-35 3 36-55  4 56-80 5 81-110 6 111-150 1 additional for each additional 40 employees or fraction thereof.	1 1-15 2 16-35 3 36-55  4 56-80 5 81-110 6 111-150	Length of Trough urinal Number of individual urinals  24" (610 mm) .....1 36" (914 mm) .....2 48" (1219 mm) .....2 60" (1524 mm) .....3 72" (1879 mm) .....4	1 1-15 2 16-35 3 36-60  4 61-90 5 91-125 1 additional for each additional 4 employees or fraction thereof	1:10 person per shift required to shower	_____
Industrial-factories, warehouses, loft buildings and similar establishments	1 1-15 2 16-35 3 36-55 4 56-80 5 81-110 6 111-150 1 additional for each additional 40 employees or fraction thereof.	1 1-15 2 16-35 3 36-55 4 56-80 5 81-110 6 111-150	24" (610 mm) .....1 36" (914 mm) .....2 48" (1219 mm) .....2 60" (1524 mm) .....3 72" (1879 mm) .....4	1 to 100 employees 1 per 10  Over 100 employees1 additional for each additional 15 employees or fraction thereof	1:10 persons per shift required to shower	_____

- 1 The figures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction thereof.
- 2 Each water closet shall occupy a separate compartment which shall be equipped with a door, door latch and clothes hook. The door and the walls or partitions between fixtures shall be sufficient to assure privacy.
- 3 Drinking fountains shall not be located in toilet rooms.
- 4 Washing facilities shall be reasonably accessible to all employees.
- 5 Toilet facilities shall be accessible to the employees at all times. Where practicable, toilet facilities should be within 200 feet (61 m) of locations at which workers are regularly employed and should not be more than one floor-to-floor flight of stairs from working areas.
- 6 Urinals may be installed instead of water closets in toilet rooms to be used only by men provided that the number of water closets shall not be less than two thirds of the minimum number of toilet facilities specified. The length of trough urinals to the equivalent number of individual urinals shall be based on the above table.
- 7 When there are less than five employees, separate toilet rooms for each sex are not required provided toilet rooms can be locked from the inside and contain at least one water closet.
- 8 Twenty-four linear inches of wash sink or 18 inches of circular basin, when provided with water outlets for such space, shall be considered equivalent to one lavatory.

**Exception:** The requirements of Table C-3 do not apply to mobile crews or to normally unattended work locations provided employees at these locations have immediately available transportation to nearby toilet facilities which meet the requirements of Table C-3.

**TABLE 4-4**

**Note:** *[For DSA/AC] With all clarifying notes that ANSI is not adopted and that for DSA/AC to carry out its statutory responsibilities, DSA/AC's application of California Plumbing Code Tables 4-1 through 4-4 are limited to those application stated in Section 101.11.9 of this code.*

Type of Building or Occupancy <sup>2</sup>	Water Closets (Fixtures per Person)	Urinals (Fixtures per Male)	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person)	Drinking Fountains (Fixtures per Person)
Day use Public Beaches <sup>1,2</sup>	Male      Female 1 1-100    1 1-100 No sex designated 1 1-500 Minimum of 2	May be substituted for up to two-thirds of the water closets required			
Picnic Areas	Male      Female 1 :1-50    1 1-50				
Overnight Use Public Beaches <sup>2</sup>	1 1-7.5 campsites <sup>3</sup> 1 1-7.5 campsites <sup>3</sup>	May be substituted for up to one third of the water closets required <sup>3</sup>		1 1-12.5 campsites <sup>4</sup>	
Organized Camps	1 1-15 <sup>3</sup>		1 1-15	1 1-156	Minimum 1 per Camp

- 1 Toilets shall be located in accordance with actual use patterns on the beach. The reasonable intent of the toilet requirements is that it should apply on the basis of average daily use during periods of peak use. The health officer may determine how many days the population standard may be exceeded.
- 2 Laundry facilities are not required, but if they are provided, must be a minimum of two laundry trays or a washing machine.
- 3 Toilet facilities shall not be farther than 400 feet from any lot or campsite.
- 4 Showers are not required, but if provided, they shall be provided on the indicated ratio. Outdoor rinse-off showers may be cold water only.
- 5 Toilets shall be located within 300 feet from the living accommodations they serve.
- 6 Showers shall be provided in the living area or in a centrally located structure.

**Exception:** Intermittent short-term organized camps are not required to provide shower facilities, but if provided, they shall comply with this part.



## Chapter 16 – Plumbing Requirements for Accommodation of Persons with Physical Disabilities

DSA-OD also proposes to change in the title “PERSONS WITH PHYSICAL DISABILITIES”. The words in the new note “~~physically handicapped persons~~” to “persons with disabilities” to be consistent with definition in CCR, Title 24, Part 2 for clarity and consistency with Chapters 11A and 11B.

Division of the State Architect-Access Compliance (DSA-AC) is proposing to delete 1601.0, Note and Exceptions 1 and 2. In section 1601.0 (General) the section number, banner, text, Note and Exceptions 1 and 2 are pointless as the regulations were relocated to CCR, Title 24, Part 2, Section 1115B for Bathing and Toilet Facilities. Cross-reference to an Exception 3 is incorrect. Cross-references to 1115B.2.0 through 1115B.2.1.20 are incorrect. Proposing to delete 1601.0, Note and Exceptions 1 and 2. Only the remaining cross-reference to Exception 3 will be retained as a note. As a prompt to the user of the code in the right direction for plumbing accessibility requirements. Cross-references to 1115B.2.0 through 1115B.2.1.20 are corrected to reference Sections 1115B and 1117B.1.

### CHAPTER 16 PLUMBING REQUIREMENTS FOR ACCOMMODATION OF PERSONS WITH PHYSICAL DISABILITIES PERSONS WITH DISABILITIES

#### ~~1601.0 [For DSA/AC w/exceptions & note] General.~~

~~This chapter contains building standards of the Division of the State Architect/Access Compliance and the Department of Housing and Community Development applicable to all buildings and facilities required to be accessible to and usable by persons with disabilities.~~

~~**NOTE:** [For DSA/AC] For description of “Multifamily Dwelling” see DSA/AC in Section 101.11.1 of this code.~~

#### ~~**EXCEPTION:**~~

~~1. [For DSA/AC] In existing buildings, when the enforcing agency determines that compliance with any regulation under this chapter would create an unreasonable hardship, and exception shall be granted when equivalent facilitation is provided.~~

~~2. [For DSA/AC] In existing buildings, when the enforcing agency determines because of physical constraints compliance with this chapter or equivalent facilitation would create an unreasonable hardship, those regulations shall not apply.~~

~~**NOTE:** 3. [For DSA/AC] For accessibility requirements for Plumbing requirements for accommodation of ~~physically handicapped persons~~ persons with disabilities in public accommodations commercial buildings, publicly funded owned or leased housing, see Title 24, Part 2, Chapters 11A and 11B, Sections 1115B and 1117B.1 Sections 1115B.2.0 through 1115B.2.1.20.~~

## Chapter 1 – ADMINISTRATION

ENFORCING AUTHORITY		LOCAL BUILDING OFFICIAL
Adopting Agency		DSA AC
Adopt entire UPC chapter without amendments		
Adopt entire UPC chapter as amended (amendments listed below)		
Adopt only those sections which are listed below		X
101.1.1	CA	X
101.2.2	CA	X
<u>101.4.0</u>	<u>CA</u>	<u>X</u>
101.4.1.1.3.1	CA	X
101.4.1.4.2	CA	X
101.4.4	CA	X
101.4.4.1	CA	X
101.4.4.2	CA	X
101.6	CA	X
101.7	CA	X
101.8	CA	X
101.9	CA	X
101.10	CA	X
101.10.1	CA	X
101.10.2	CA	X
101.11	CA	X
101.11.9	CA	X

**Chapter 2 – DEFINITIONS**  
***Please refer to Chapter 2 for specific adoptions***

ENFORCING AUTHORITY		LOCAL BUILDING OFFICIAL
Adopting Agency		DSA AC
Adopt entire UPC chapter without amendments		
Adopt entire UPC chapter as amended (amendments listed below)		
Adopt only those sections which are listed below		X
203.0	CA	X
214.0	CA	X
221.0	CA	X
222.0	CA	X
223.0	CA	X
225.0	CA	X

### Chapter 3 GENERAL REGULATIONS

ENFORCING AUTHORITY		LOCAL BUILDING OFFICIAL
Adopting Agency		DSA AC
Adopt entire UPC chapter without amendments		✖
Adopt entire UPC chapter as amended (amendments listed below)		
Adopt only those sections which are listed below		
301.2.5	CA	
301.2.6	CA	
301.1.3	CA	
303.0 (Exception)	CA	
304.0 (Exception)	CA	
311.9	CA	
311.10	CA	
311.11	CA	
311.12	CA	
316.1.6.1	CA	
316.2.4	CA	

## Chapter 4 PLUMBING FIXTURES

ENFORCING AUTHORITY		LOCAL BUILDING OFFICIAL
Adopting Agency		DSA AC
Adopt entire UPC chapter without amendments		
Adopt entire UPC chapter as amended (amendments listed below)		
Adopt only those sections which are listed below		X
412.0 (Note)	CA	X
Table 4-1	CA	X
Table 4-2	CA	X
Table 4-3	CA	X
Table 4-4	CA	X

**Chapter 16**  
**PLUMBING REQUIREMENTS FOR ACCOMMODATION OF PERSONS WITH**  
**DISABILITIES**

ENFORCING AUTHORITY	LOCAL BUILDING OFFICIAL
Adopting Agency	DSA AC
Adopt entire UPC chapter without amendments	
Adopt entire UPC chapter as amended (amendments listed below)	
Adopt only those sections which are listed below	X
1601.0 <u>NOTE</u> CA	X

**INITIAL STATEMENT OF REASONS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
DIVISION OF THE STATE ARCHITECT  
OFFICE OF UNIVERSAL DESIGN – ACCESS COMPLIANCE**

**REGARDING THE CALIFORNIA PLUMBING CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5**

**ADOPTION OF THE 2003 EDITION OF THE  
UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS**

The Administrative Procedure Act requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following are the reasons for proposing this particular rulemaking action:

**STATEMENT OF SPECIFIC PURPOSE AND RATIONALE:**

(Government Code Section 11346.2 requires a description of public problem, administrative requirement or other condition or circumstance, and the specific purpose and rationale for EACH adoption, amendment or repeal. List all section numbers, with the problem, purpose, and rationale immediately following.)

**Part 5: Chapter 1**

Division of the State Architect/Access Compliance (DSA/AC) is proposing the adoption of only those sections within Chapter 1 indicated below and on the attached matrix table. The numbers of each section and all references within each section have not been reformatted. Chapter 1 is an existing California amendment, which provides the purpose, scope, administrative authority, and application to local enforcement agencies. DSA/AC is proposing editorial amendments to various sections within Chapter 1.

DSA/AC proposes to make only editorial corrections to Chapter 1, *Section 101.8 (Format)*, by adding a period after a letter within the abbreviation U.P.C., and to also add in this sentence within the same section, "such chapter of the U.P.C." to clarify that specific UPC chapters are not adopted by DSA/AC, and to show on the attached matrix table that DSA/AC adopt *Section 101.4.0 Application*.

**Part 5: Chapter 2**

Division of the State Architect/Access Compliance (DSA/AC) is proposing the adoption of only those sections within Chapter 2 indicated below and on the attached matrix table. The numbers of each section and all references within each section have not been reformatted.

DSA/AC proposes to make an editorial correction to Section 203.0 of Chapter 2 to correct the spelling of accessability to accessibility, and to change by reference the words "~~the handicapped~~" to "persons with disabilities" to be consistent with definition in Part 2 for clarity and consistency with Chapters 11A and 11B.

## Part 5: Chapter 3

Division of the State Architect/Access Compliance (DSA/AC) is proposing not to adopt Chapter 3 of the 2003 Uniform Plumbing Code.

DSA/AC proposes to repeal adoption of Chapter 3 because the model code regulations are inconsistent with accessibility regulations in C.C.R., Title 24, Part 2.

## Part 5: Chapter 4

DSA/AC proposes to adopt Section 412.0 with California amendments and Tables 4-1 to 4-4 with added annotation in each table as noted below:

**Note: [For DSA/AC] With all clarifying notes that ANSI is not adopted and that for DSA/AC to carry out its statutory responsibilities, DSA/AC's application of California Plumbing Code Tables 4-1 through 4-4 are limited to those application stated in Section 101.11.9 of this code.**

DSA/AC proposes adoption of the following 2003 Edition of the UPC language changes in Table 4-1 and also amendments to footnotes No. 2, No. 6 and No. 14 under Table 4-1:

Each building shall be provided with sanitary facilities, including provisions for the physically handicapped **[For DSA/AC] persons with disabilities** as prescribed by the Department having jurisdiction. For requirements for the handicapped, ANSI A117.1,-1992, **[For DSA/AC] ICC ANSI A117.1 Accessible and Usable Buildings and Facilities, [For DSA/AC] California Building Code (Title 24, Part 2) Chapters 11A and 11B,** may be used.

Footnote No. 2. Building categories not shown on this table shall be considered separately by the Administrative Authority **[For DSA/AC] Authority Having Jurisdiction.**

Footnote No. 6. As required by ANSI Z4.1-1986 **[For DSA/AC] 1968,** Sanitation in Places of Employment.

DSA/AC proposes the following editorial correction to footnote No. 14 under Table 4-1:

Footnote No. 14. The total number of water closets for females shall be at least equal to the total number of water closets and urinals required for males. ~~45.~~

## Part 5: Chapter 16

DSA/AC is proposing these amendments to Chapter 16 (Plumbing Requirements for Accommodation of Persons with Physical Disabilities):

To change in the title "PERSONS WITH ~~PHYSICAL~~ DISABILITIES". The words in the new note "~~physically handicapped persons~~" to "persons with disabilities" to be consistent with definition in CCR, Title 24, Part 2 for clarity and consistency with Chapters 11A and 11B.

To delete 1601.0, Note and Exceptions 1 and 2. Only the remaining cross-reference to Exception 3 will be retained. As a prompt to the user of the code, DSA/AC proposes to change the 'Exception' to a 'Note' to point the user of the code in the right direction for plumbing accessibility requirements. Cross-references to 1115B.2.0 through 1115B.2.1.20 are corrected to reference Sections 1115B and 1117B.1.



Technical, theoretical, and empirical study, report, or similar documents:

In proposing these adoptions, amendments or repeal of the Uniform Plumbing Code into Title 24, Part 5, DSA/AC used the Uniform Plumbing Code, 2003 Edition, as developed through a consensus standards development process approved by the American National Standards Institute.

Consideration of reasonable alternatives.

DSA/AC has determined that no alternatives would be more effective in carrying out the purpose for which plumbing requirements for accessibility are proposed or would be effective and less burdensome to affected private persons than the proposed regulations.

On July 30, 2003, the California Building Standards Commission (CBSC) on behalf of the State of California adopted the Uniform Plumbing Code as published by IAPMO. The International Plumbing Code was one alternative considered, however, not the code selected by the CBSC.

**REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.**

DSA/AC has not identified any alternatives that would lessen any adverse impact on small business for which plumbing requirements for accessibility are proposed. This regulation is not intended to impact small business. This regulation is intended to provide plumbing requirements for accessibility.

**FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE ECONOMIC IMPACT ON BUSINESS.**

DSA/AC finds that provisions for plumbing requirements for accessibility would not have a significant adverse impact on business. These regulations are not intended to have an adverse economic impact on business, these regulations are intended to provide plumbing requirements for accessibility.

**DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS**

N/A

DSA/AC is within the State and Consumer Services Agency, Department of General Services. DSA/AC is unaware of any existing Federal provisions for "plumbing requirements for accessibility".